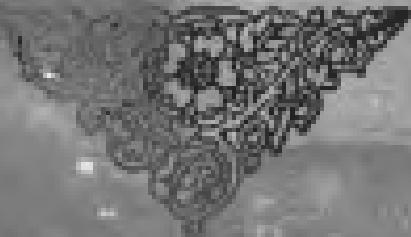


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# *Agreement*



*ARTICLE I*

*District No. 18, United Mine  
Workers of America*

— AND —

*The Western Canada  
Coal Operators' Association*

*April 1st, 1920, to March 31st, 1922*



**This Agreement Is Based Upon the Following Report:—**

### **REPORT OF SUB-COMMITTEE**

We, your Sub-Committee, beg to report and recommend the following as the basis for a joint agreement between the miners and operators of Alberta and Eastern British Columbia:

- (1) A contract be made effective from April 1, 1920, to March 31, 1922.
- (2) That the retroactive monies from April 1st shall be paid on or before August 1, 1920.
- (3) This contract is made and entered into for the sole use of the members of the United Mine Workers of America and the members of The Western Canada Coal Operators' Association. All men who work in and around the mines who are eligible to become members of the United Mine Workers of America shall join that organization and agree to sign check-off for all dues, assessments and fines, and the management of the mines agree to forward deductions made to the Acting Secretary of the District or such other person as that official may designate.
- (4) (a) That all day wage rates in effect on October 21, 1919, (which shall include the \$2c War Bonus) shall be advanced 27%.

- (b) Except in lignite fields, all contract tonnage rates and contract yardage mining rates in effect October 31, 1919, be advanced 27%.
- (c) That the tonnage rates in the lignite fields be advanced 24 cents.
- (d) That all yardage, room turning and dead work rates in effect October 31, 1919, be advanced 29%.
- (e) That the application of the H.C.L. 92c on contract miners' wages be made by adding the 27% on the 92c, or \$1.17 to his wages for each day's work.
- (f) The 1917-1919 Agreement be used as a base, and no changes other than above indicated to be made unless the same have been made by order of the Director of Coal Operations or by mutual consent by the two interested parties, except the selling price of (explosive supplies) and coal.

Signed on behalf of  
The Western Canada Coal Operators' Association:

R. S. ORD,  
Acting Chairman,  
JOHN SHANKS  
B. CAUFIELD  
GEO. KELLOCK  
GEO. V. TUPPER  
L. F. DRUMMOND  
LEWIS STOCKETT  
W. F. McNEILL,  
Commissioner.

Dated June 10, 1920.

Signed on behalf of  
the United Mine Workers of America, District No. 10:  
F. WHEATLEY  
WM. HUTCHINSON  
JOHN P. WHITE  
R. LIVETT  
R. BILLSBOROUGH  
ROBT. PEACOCK  
N. McDONALD  
RODY McLEOD,  
Secretary.

R. L. Smith

# Agreement

AGREEMENT entered into between—  
DISTRICT No. 18 OF THE UNITED MINE  
WORKERS OF AMERICA,  
Of the First Part,  
and  
THE WESTERN CANADA COAL OP-  
ERATORS' ASSOCIATION  
Of the Second Part.

IT IS MUTUALLY UNDERSTOOD AND  
AGREED that the following conditions and  
rates shall govern the parties hereto from  
April 1, 1920, to March 31, 1922, and that the  
parties hereto will meet in conference thirty  
(30) days prior to the expiration of this Agree-  
ment to discuss a renewal thereof:

## RETROACTIVE PAY

The retroactive wages from April 1, 1920,  
shall be paid on or before August 1, 1920.

## MANAGEMENT OF MINE

The right to hire and discharge, the man-  
agement of the mine and the direction of the  
working forces are vested exclusively in the  
Company, and the United Mine Workers of  
America shall not abridge this right. How-  
ever, the Company agrees not to discharge

employees or refuse work to applicants on account of, or because of, their affiliation with the United Mine Workers of America.

NOTE—It is not the intention of this clause that miners working under contract will be taken from their working place indefinitely to perform Company work.

### CHECK-OFF

This contract is made and entered into for the sole use of the members of the United Mine Workers of America and the members of The Western Canada Coal Operators' Association. All men who work in and around the mines who are eligible to become members of the United Mine Workers of America shall join that organization and agree to sign check-off for all dues, assessments and fines, and the management of the mines agree to forward deductions made to the Acting Secretary of the District or such other person as that official may designate.

### FORM OF ORDER

To..... 192.....

I authorize and empower you to deduct and pay to the Acting Secretary of District No. 18, U.M.W. of A., or such other person as that official may designate, from my earnings from month to month the sum of Five Dollars (\$5.00) or such less amount as may be designated by the Acting Secretary of the District or such other person as he may appoint by order.

(Signed).....

Witness.....

## SETTLEMENT OF LOCAL AND GENERAL DISPUTES

(a) In case any disputes or grievances arise under this Agreement or any local Agreement made in connection therewith, whether the dispute or grievance is claimed to have arisen by the Company, or any person or persons employed, or by the men as a whole, then the parties shall endeavor to settle the matter as hereinafter provided. But before any grievances or disputes shall be submitted to the Pit Committee, the person or persons affected shall endeavor, by personal application to the Pit Boss, Overman or Foreman in charge of the work where the dispute arises, to settle the matter, and in the event of them agreeing their decision shall be final.

(b) In case of any local dispute arising in any mine and failure to agree between the Pit Boss, Overman or Foreman in charge of the work where the dispute arises and any employee, the Pit Committee and Mine Superintendent or Mine Manager shall endeavor to settle the matter, and if they agree their decision shall be final.

(c) In the event of the failure of the Pit Committee and the Mine Superintendent or Mine Manager to settle any dispute so referred to them, as well as in the event of other disputes arising, the matter in dispute shall be referred in writing to the Commissioner of The Western Canada Coal Operators' Association and the President of District No. 18, United Mine Workers of America, who shall meet as soon as practicable, and not in any event later than fourteen (14) days, with a Joint Committee of six (6), composed of the Com-

missioner of The Western Canada Coal Operators' Association, the General Manager or General Superintendent of the mine where the dispute arose and another appointed by him, the President of District No. 18, United Mine Workers of America, the President or Secretary of the Local where the dispute arose and one other District Officer. If they agree their decision shall be binding upon both parties. In the event of their failure to agree they shall endeavor to select an Independent Chairman, and failing to agree upon an Independent Chairman the Commissioner of The Western Canada Coal Operators' Association and the President of District No. 18, United Mine Workers of America, shall ask the Minister of Labour to appoint such Chairman. The decision of the Committee thus constituted shall be binding upon both parties. Provided, however, during the term of office of the Director of Coal Operations he shall act as, or appoint the, Independent Chairman mentioned herein.

(d) In the meantime, and in all cases while disputes are being investigated and settled, the miners, mine laborers and all other parties involved must continue to work pending investigation and until final decision has been reached; but where miner, miners, mine laborer or mine laborers has or have been discharged by the Company, he or they shall not remain in the employ of the Company while his or their case is being investigated and settled. If the claim be made within five (5) days, where a man or men has or have been unjustly discharged, the case shall be dealt with according to this Article, and if it is proven that he or

Row 1	Row 2	Row 3	Row 4	Row 5	Row 6	Row 7	Row 8	Row 9	Row 10
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

→ is to be paid

Category	Sub-Category	Item	Description	Notes
Agriculture	Crops	Wheat	High yield, drought-resistant	High demand, stable prices
		Rice	Water-intensive, low yield	Low demand, fluctuating prices
Forestry	Timber	Logistics	High demand, high prices	High demand, high prices
		Wood products	Logistics	High demand, high prices
Fishing	Commercial	Salmon	High demand, high prices	High demand, high prices
		Shrimps	Logistics	High demand, high prices
Mining	Metals	Nickel	High demand, high prices	High demand, high prices
		Gold	Logistics	High demand, high prices
Manufacturing	Automotive	Electric vehicles	High demand, high prices	High demand, high prices
		Hybrid vehicles	Logistics	High demand, high prices
Chemical	Plastics	Polyethylene	High demand, high prices	High demand, high prices
		Polypropylene	Logistics	High demand, high prices
Pharmaceuticals	Drugs	Antibiotics	High demand, high prices	High demand, high prices
		Chemicals	Logistics	High demand, high prices
Food Processing	Food	Meat	High demand, high prices	High demand, high prices
		Dairy	Logistics	High demand, high prices
Textiles	Clothing	Wool	High demand, high prices	High demand, high prices
		Cotton	Logistics	High demand, high prices
Automotive	Parts	Brakes	High demand, high prices	High demand, high prices
		Wheels	Logistics	High demand, high prices
Electronics	Components	Microchips	High demand, high prices	High demand, high prices
		Printers	Logistics	High demand, high prices
Aerospace	Parts	Engines	High demand, high prices	High demand, high prices
		Wings	Logistics	High demand, high prices
Telecommunications	Equipment	Network equipment	High demand, high prices	High demand, high prices
		Software	Logistics	High demand, high prices
Pharmaceuticals	Drugs	Antibiotics	High demand, high prices	High demand, high prices
		Chemicals	Logistics	High demand, high prices
Food Processing	Food	Meat	High demand, high prices	High demand, high prices
		Dairy	Logistics	High demand, high prices
Textiles	Clothing	Wool	High demand, high prices	High demand, high prices
		Cotton	Logistics	High demand, high prices
Automotive	Parts	Brakes	High demand, high prices	High demand, high prices
		Wheels	Logistics	High demand, high prices
Electronics	Components	Microchips	High demand, high prices	High demand, high prices
		Printers	Logistics	High demand, high prices
Aerospace	Parts	Engines	High demand, high prices	High demand, high prices
		Wings	Logistics	High demand, high prices
Telecommunications	Equipment	Network equipment	High demand, high prices	High demand, high prices
		Software	Logistics	High demand, high prices

## BUFILE OF PIT COMMITTEE

It is known that the  $\alpha$ -helix is a stable form of the polypeptide chain, and it is believed that the  $\beta$ -sheet is also a stable form. The  $\beta$ -sheet is a more extended form of the polypeptide chain than the  $\alpha$ -helix, and it is believed that the  $\beta$ -sheet is a more stable form. The  $\beta$ -sheet is a more extended form of the polypeptide chain than the  $\alpha$ -helix, and it is believed that the  $\beta$ -sheet is a more stable form.

## NEW WORDS

With regard to the new ports, we are in general in  
with the same as the ports in the former basin. Agreed  
upon is the port of New Orleans, upon which the  
Mississippi is to be improved, and the port of  
Mobile, upon which the river of the same name is  
to be improved. The port of New Orleans is to be  
a port of refuge for the Mississippi, and the port  
of Mobile is to be a port of refuge for the Gulf of

Mr. Justice: This will be a general subject which you have arranged with your legal counsel, Mr. George W. Smith.

**EMPLOYEE NOT UNDER JUDICIAL  
DICTION**

Mr. Thompson's name is to be mentioned again on the Board and is considered by some to be one of the best. Mr. W. C. Davis of the same name is also to be considered and will be mentioned the following:

Mine Manager and his assistants, Supervisor  
of Safety and Mine Inspector, Head  
Housekeeper, Deputy Mine Manager, Mine  
Foreman, Mine Steward, Mine Superintendent,  
Head Electrician, Foreman, Packer, Foreman  
Lodger House, Night Watchman, the Town  
Postman, General Foreman, and all other  
Employees. To whom you shall Impose no and  
Head Lampmen.

## CONSTRUCTION AND EXTENSIVE REPAIRS

It is agreed that men working on  
present work and on future repairs are to be  
counted in the estimate of the total Man  
Months required.

For questions of long duration, especially those  
with technical bearings, under the  
Hague Rules, such as those after  
removal of the cargo, the place of  
discharge is the port of discharge, and  
the place of delivery is the port of  
arrival, except where otherwise provided in the bill of  
lading.

РЕЗУЛЬТАТЫ РЕАНИМАЦИИ ЗДОРОВЫХ ЧЕЛОВЕК

When any employee absent from his work for a period of more than 12 days, unless

The single condition of the test for having property  
belonging to him and the Plaintiff's evidence and  
the Plaintiff's own admission, that he is the original  
holder of the note, and that he is the only one who  
can sue for it, clearly establishes that the Plaintiff  
is the only person entitled to sue for the note. The  
Court of Appeals, however, has held that the Plaintiff  
is not entitled to sue for the note, and that the Plaintiff  
may be discharged.

## CHECKWILGEMAN AND CHECK MEASURES

## INFLUENCE OF EMPLOYMENT

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Wihen es Ihnen ein wenig Platz in Ihrem Auto für Reisegepäck verbleibt, kann es eine gute Idee sein, einen kleinen Koffer mitzunehmen.

where and in any district belonging to said  
presiding bishop, from carrying the masonic  
image in sight, or shall the Company shall  
pay him as the said district or place into the  
said district or place, or has it for a time  
during which it would however regard shall  
be paid to the presiding bishop, to the deficit  
of its charter. This shall not apply where  
such a paper is used in two separate places one  
being normal and the other abnormal.

## **MEN TAKEN TO DO COMPANY WORK**

The Company shall pay the sum of \$100 per day for all expenses taken from contracts work to do at or near work.

#### DELIVERY OF MATERIAL.

In a certain section of the Great Lakes Region from Lake Huron through Lake Superior and Alberta the timber is so large and valuable an ideal site is found. A man who has no tools, trees, plank and other tools at the moment of his arrival to the timber camp will be able to get a place where the logs are piled along the river bank and without any help will be able to get his tools delivered to the camp by the working force in short periods of time. The timber will be taken in logs and sheet steel will be delivered at the tenth of the month.

## LOADING OF COAL FROM CHUTE

In putting away where chutes are used, the Company will handle all coal placed in the chutes by the miners.

## DOCTOR AND HOSPITAL ARRANGEMENTS

The matter of doctor and hospital arrangements is to be arranged as provided for by the Workmen's Compensation Acts of Alberta and British Columbia.

## STORE

It shall be understood and agreed that the employers shall be at perfect liberty to purchase goods wherever they may choose to do so.

## HOLIDAYS

The following days only shall be observed as holidays:

New Years Day, Good Friday, May First, Victoria Day, Dominion Day, Labor Day, Thanksgiving Day, District and International Election Day, Christmas Day.

## PUNERALS

In the event of an instantaneous death by an accident on the mine or outside the mine, the miners can exgraud and all other employees may suspend work in the shift where the accident occurred on the day of the accident but shall resume work on the following day and continue to work till the day of the funeral when it is agreed with them whether they shall work or not.

## SUB-CONTRACTING

No sub-contracting shall be allowed in any mine operated by the Company but this shall not apply to the employment of Backhands.

## EMPLOYEES TO CARE FOR MINE

In case of either local or general suspension of mining either at the separation of this Agreement and otherwise the Employer hereinafter and Company shall continue to work but shall not be obliged to do so by protest all the Company's property under their care, and operate such a plant as the Employer may have such care and supervision as may be required to run the Company's property and are entitled to all the compensation and protection at the Company's plant that it is entitled and agreed that the Company shall not ask them to run any plant or sale in the market.

## SINGLE SHIFT

The single shift system of hours and pay shall be adhered to as far as practicable.

## WET PLACES

A working place on the mine where water drops from the roof or against the sufficient to wet a man's clothing or where the floor or ceiling is so wet that it is not safe to stand there. The rate of a wet place shall be taken as per day extra of a 1/2 day wage more. Where extra compensation is now provided for in the rates in the Tentative Agreement it will not be affected.

## ROCK MINERS

Where a man is engaged on rock work where hammer and pick are used he shall be considered a "Rock Miner" and paid rock miners wages.

If an air drill is used the driller shall be paid machine miners wages and the helper

paid machine runner's helper's wages. The other man engaged shall be classed as "Hireman or laborer" as may be.

When a man is engaged to work in both rock and coal, if the coal content of his work is greater than the amount of rock, all he shall be paid as a "Coal miner" and where the amount of coal is not greater than the amount of rock he shall be classed as a "Rock miner."

### **BREAKING**

When a man is engaged in breaking either rock or coal using his hand tools and tools, he shall be classed as a "Rock man." If the breaking is done in bars, iron and steel he shall be classed as a "Steel man."

Engaged in taking out rock while engaged in supervising or repairing shall not be classed as a "Rock man."

### **RETIREMENT**

Where a worker employee has drawn his time before the regular payday he thereby waives his connection with the Company and any alleged provision to the contrary ceases to be a question of existence in either this agreement. The time drawn before the regular payday is subject to the application of the employee for and his to the end of his time check before the regular payday.

**NOTE:** This clause shall not apply with respect to previous time wages from April 1, 1920.

### **CHINESE LABOR**

The United Mine Workers of America do not in any way prohibit the employment of

Chinese or other race and the mine, but where such labor is employed they shall be paid the scale for such work with the following provisions, i. e., that, where they are now employed at Hazelton and Cranbrook the present rates shall not be interfered with in any way by the United Mine Workers of America during the life of this Agreement.

### **OIL**

Present conditions to prevail.

### **PAYDAY**

All wages earned by any person or persons employed in or about a mine shall be paid in accordance with the Coal Mines Regulation Acts of Alberta and British Columbia. Any employee desiring to leave the service of the Company or his request shall be paid all monies due him within two (2) days after his stoppage of work.

### **MARKET RESTRICTIONS**

It is agreed that United Mine Workers of America, will not in any way restrict or interfere with the marketing of coal or coke to any person, firm or corporation.

### **TURN OF CARS**

The Company shall, as far as possible, supply each and every market with an equal turn of cars.

### **BACKHANDS**

The present practice of working miners either as partners or with miners and laborers, as it exists in the several camps at the present time, shall be adhized to.



On all Company work the Company shall employ such class of men as the work requires and at the rate of wages provided for in this Agreement.

## **CONTRACT NOT TO BE VOIDED BY MINERS CONSTITUTION OR RULES**

This contract is in no case to be set aside because of any rule of the United Mine Workers of America now in force or which may hereafter be adopted, nor is this contract to be set aside by reason of any provision in the National, District or Local Constitutions.

## **OVERTIME**

All overtime shall be paid for at the Scale Rate per hour. Operators are hereby requested to eliminate overtime and work on Sundays and holidays as far as practicable.

## **BLASTING**

Where in the future blasting is prohibited in the mine and it can be shown that the earnings of the miners are decreased thereby the contract rates shall be taken up as under the "New York" clause and an equitable allowance shall be made.

## **POWDER**

Where explosive supplies are being sold to the miners they shall be furnished at cost price which shall include handling, transportation and insurance.

NOTE- In case any dispute should arise under this clause with respect of selling price, it shall be determined by the Joint Committee in the same manner as is provided in Clause

"C" or "Local and General Dispatch." It is suggested that representatives of employers and employees in the several fields meet and endeavor to agree upon the selling price.

Where by mutual consent this contract is changed, which change would increase the earnings of the men to a greater degree than provided in the basic agreement, the same shall become effective from the date of signing this Agreement.

That the application of the I. C. L. 92 cents on contract miners wages (which shall include all contract workers) be made by adding the 27% on the 92 cents, or \$1.17 to his wages for each day's work.

### OUTSIDE WAGES

Occupation	Per day	Hrs
Bottom Man .....	\$5.82	8
State Pickers (Boys)	3.40	8
State Pickers (Men)	5.18	8
Car Quarters (Men)	5.18	8
Car Oilers (Boys) .....	3.87	8
Tally Boys .....	3.40	8
Teamsters .....	5.82	8
Blacksmiths .....	7.16	8
Blacksmiths' Helpers	3.83	8
Carpenters	7.16	8
Carpenters' Helpers .....	5.83	8
Power House Engineers .....	\$6.49-7.39	8
(The above rates to apply as effective Oct. 31, 1919)		
Housing Engineers .....	\$6.21-7.05	8
(The above rates to apply as effective Oct. 31, 1919)		

Occupation	Per day	Hrs.
Fan Men	5.18	8
Incline Engineers	6.49	8
Tar' Rope Engineers	6.83	8
Endless Rope Engineers	6.35	8
Box Car Loader Engineers	6.49	8
Tipple Engineers	6.49	8
Steam Engine Tender	5.4	8
Locomotive Engineer	6.49	8
Locomotive Switchman	5.97	8
Brigadier	5.82	8
Fireman's Helper	5.41	8
Water Tender	1.35	8
Highway Car Handler	4.33	8
Tipper Dumper (Man)	5.82	8
Tipple Dumpers' Helpers	5.40	8
Tipple Dumper (Boy)	3.87	8
Top Cagers	5.40	8
Car Repairer	6.49	8
Car Repairer's Helper	5.83	8
Breaker Engineer	6.49	8
Lampman depending upon number of lamps and skill of man	\$6.18 - 6.82	8
Machinists	56.49	7.16
Machinist's Helper	5.83	8
Ashman	5.18	8
Wiper (Man)	5.18	8
Coupler (Man)	5.18	8
Coupler (Boy)	3.87	8
Breaker Driver	5.35	8
Washer or Tipple Outer	5.35	8
Breaker Picker Boss	5.82	8
Timber Tracer	6.49	8
Timber Sawyer	5.40	8
Box Car Sawaller	5.82	8
Breaker Platform Boss	5.82	8
Breaker Platform Men	5.35	8

Occupation	Per day	Hrs.
Breaker Screen Men	\$ 18	8
Rock Bank Men	... 18	8
Dust Bank Men	... 18	8
Pan or remain ...	... 12	8
Stableman	\$ 18	8
Finisher Atter Box Car Loader	\$ 18	8
Motor Truck Driver	6.49	8
All Other Labor Not Classified	\$ 18	8

#### Bee Hive Coke Ovens

Levelling and drawing (8½ ton charge), per oven	... -----	1.90
Levelling and drawing (5 ton charge), per oven	... -----	1.33
Loading into Box or Open Cars (over 20 tons per month), per ton	... -----	.39
Loading into Box or Open Cars (less than 20 tons per month), per ton	... -----	.27
Steam Locomotive Engineer	6.49	8
Motorman	... ...	6.14
Larryman	... -----	5.12
Plasterers	... -----	5.12
Carters and Cleaners ...	... -----	5.12
All Other Labor	... -----	5.12

#### Belgian Coke Ovens

Ram Engine Man ... -----	6.49	8
Chargers	5.82	8
Clayers	5.82	8
Drawers	5.82	8
Loaders	5.33	8

#### Briquette Plant

Engineman	6.49	8
Briquettier	6.65	8

Occupation	Per day	Hrs.
Tar Melter	5.98	8
Labourers	5.18	8
Over	5.82	8

The following classified occupations which are now in operation at the respective names shall be advanced 27% on the wages in effect October 31, 1919 (which shall include the 9% H.C.L.)

Rope Splicer	Joiner
Saddler	Machinet Shop Driller
Bricklayer	Saw Fitter
Boiler Maker	Wash-house Man
Plumber	Pipe Fitter
Logger	

### INSIDE WAGES

Shot Lighter	4.25	8
Bricklayer	6.35	8
Brickerman's Helper	5.58	8
Timberman	6.32	8
Timberman's Helper	5.58	8
Tracklayers	6.35	8
Tracklayer's Helper	5.58	8
Motormen	5.98	8
Motorman's Helper	5.58	8
Locomotive Engineer	5.95	8
Locomotive Switchman	5.58	8
Drivers	5.98	8
Drivers (Spider Team)	6.64	8
Couplers (Men)	5.58	8
Couplers (Boys)	3.37	8
Sweat Boys	\$1.40-3.87	2
Door Boys	2.97	8
Fan Boys	\$2.97-3.87	8
Rope Riders	5.98	8
Male and Tail Rope Riders	6.35	8

Occupation	Per day	Rate
Pushers	5.98	8
Backers	5.98	8
Leaders	5.38	8
Miners ...	6.35	8
Riot Miners	7.01	8
Timber Handers	5.98	8
Cagers, Slope and Incline	5.98	8
Cagers, Shaft	6.35	8
Machinemen, Air	7.01	8
Machinemen Electric	6.79	8
Machinemen & Helper, Air	6.37	8
Machinemen's Helper, Electric	6.50	8
Pumpmen	5.98	8
Pumpmen (Gold Mines)	6.21	8
Haulmen	\$3.98-6.35	8
Drivers (Boys)	\$3.87-5.98	8
Gridders	5.98	8
Gridders (Boys)	\$3.87-5.98	8
Pipefitters' Helpers	5.98	8
Pien Carriers	\$3.40-5.98	8
Clutchmen	6.35	8
Rollermen	5.98	8
All Other Labor Not Classified	5.98	8

THE CROW'S NEST PASS COAL COMPANY, LIMITED  
COAL CREEK COLLIERY

Old No. 1 Mine

MINING RATE: 85 cents per gross ton  
YARDAGE: Levels and parallels, \$1.45 per  
lineal yard  
Cross-cuts between levels, \$1.45 per lineal  
yard.  
Room cross-cuts, no tracks, 72 cents per  
lineal yard.

New No. 1 Mine

MINING RATE: 85 cents per gross ton.  
YARDAGE: Levels and parallels, \$1.45 per  
lineal yard.  
Cross-cuts between levels \$1.45 per lineal  
yard.  
Room cross-cuts, no tracks, 72 cents per  
lineal yard.

No. 1 Mine East

MINING RATE: 85 cents per gross ton.  
YARDAGE: Levels and parallels, \$1.45 per  
lineal yard  
Cross-cuts between levels, \$1.45 per lineal  
yard.  
Room cross-cuts, no tracks, 72 cents per  
lineal yard.

No. 1 Mine North  
(Upper Bench)

MINING RATE 83 cents per gross ton.

YARDAGE Levels and parallels, \$2.8 per lineal yard.

Cross-cuts between levels, 2.18 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

(Lower Bench)

MINING RATE 83 cents per gross ton.

YARDAGE Levels and parallels, \$1.45 per lineal yard.

Cross-cuts between levels, \$1.45 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

Provided that should the coal at the top bench merge with that in the over the rates now placed on the "Lower bench" shall govern.

No. 1 Mine South

MINING RATE 83 cents per gross ton.

LONGWALL SYSTEM 83 cents per gross ton.

YARDAGE Levels and parallels, \$1.45 per lineal yard.

Cross-cuts between levels, \$1.45 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

Provided, that the above mining rate shall include the mining out and casting back of slate.

### No. 2 Mine

MINING RATE 93 cents per gross ton  
LONGWALL SYSTEM 60 cents per gross ton.

YARDAGE Levels and parallels, \$2.18 per lineal yard.

Cross-cuts between levels, \$2.18 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

### No. 3 Mine

(No. 3 Slope and All Workings on the North Side of Slope)

MINING RATE Pillar and stall system, 93 cents per gross ton.

Longwall system, 93 cents per gross ton.

YARDAGE Levels and parallels, \$2.90 per lineal yard.

Cross-cuts between levels, \$2.90 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

In Longwall work the Company guarantees to keep the brushing up within 4 feet 6 inches of the face, and when a man failing to do so, through the Company is sent to any inconvenience, he shall have the privilege of brushing his own place on Company work, the Company to find the necessary tools.

If at any time the conditions become such that the miner can lift six or eight inches of bottom with the pick without seriously affecting his work as a coal producer, he shall be given the privilege of doing so when required by the Company.

#### No. 5 Mine

**MIXING RATE** 93 cents per gross ton.

**YARDAGE** Levels and parallels, \$2.18 per men yard.

Cross cuts between levels, \$2.18 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

#### No. 9 Mine

**MIXING RATE** Pillar and stall system, 95 cents per gross ton.

Longwall system, 80 cents per gross ton.

**YARDAGE** Levels and parallels, \$2.18 per men yard.

Cross-cuts between levels, \$2.18 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

**CLOD** When the Company requires the miner to take down the clod overlaying the coal, they shall pay him for doing the same, including stowing, 64/10 cents per inch in thickness, per foot in width, per lineal yard, measurement to be taken weekly in the middle of the working place.

**BRUSHING** Bottom brushing to be done by the Company.

### "B" Mine

MINING RATE 89 cents per gross ton.

YARDAGE Levels and parallels (10 feet in width and under), \$2.48 per lineal yard.

Levels and parallels (over 10 feet and to 12 feet in width) \$1.45 per lineal yard.

Cross-cuts between levels and parallels, \$1.45 per lineal yard.

Cross-cuts between rooms, no tracks, 72 cents per lineal yard.

The above mining rate also applies should the bottom bench coal be loaded on a tonnage basis.

### MICHEL COLLIERY

#### No. 3 Mine

MINING RATE 89 cents per gross ton.

YARDAGE Levels and parallels, \$2.54 per lineal yard.

Cross-cuts between levels, \$2.54 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

#### New No. 3 Mine

MINING RATE 89 cents per gross ton.

YARDAGE Levels and parallels, \$2.54 per lineal yard.

Cross-cuts between levels, \$2.54 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

#### No. 4 Mine

MINING RATE 85 cents per gross ton.

YARDAGE Levels and parallels, \$2.90 per lineal yard.

Cross-cuts between levels, \$2.90 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

#### No. 7 Mine

MINING RATE 90 cents per gross ton.

YARDAGE Levels and parallels, 10 $\frac{1}{2}$  feet wide, \$3.45 per lineal yard.

Levels and parallels, 13 $\frac{1}{2}$  feet wide \$2.90 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

#### No. 8 Mine

MINING RATE 85 cents per gross ton.

YARDAGE Levels and parallels, \$1.45 per lineal yard.

Cross-cuts between levels, \$1.45 per lineal yard.

Room cross-cuts, no tracks, 72 cents per lineal yard.

It is agreed that the thickness of coal to be taken out in rooms and pillars shall be twelve feet.

#### No. 8 North Michel

MINING RATE 85 cents per gross ton.

YARDAGE Levels and parallels, \$1.45 per lineal yard.

Cross-cuts between levels, \$1.45 per horizontal yard.

Rooms, cross-cuts, no tracks, 72 cents per horizontal yard.

#### **Machine Mixed Coal**

Loaders,  $\frac{1}{2}$  cents per gross ton.

Runners, 10 cents per gross ton.

Scrapers,  $\frac{3}{4}$  cents per gross ton.

#### **ALL SEAMS** **Ferrie and Michel**

**PILLAR & TILTAL WORK.** When pillars are extracted the price shall be 7½ cents per gross ton less in all areas than is paid for solid coal mining.

Digging, removing places and clearing for main haulage roads, other than in the form of cross-cuts between rooms, to be paid for at yardage rates equal to levels and parallel's.

**CHIMES.** When the Company requires the miners to set chimes, they shall be properly filled with rock provided there is rock handy which only requires to be moved once, and shall pay for the same at the rate of 24 cents per foot of height per chime 3 feet square and 32 cents per foot of height per chime 4 feet square. The Company shall set a chime larger than 4 feet square with Company rock.

**POSTS.** When posts measuring 10 feet or more in length are required to be set the Company shall pay 45 cents per post. Posts in pillar work in No. 2 Mine, Michel, shall be paid for at the present 40 cents per post.

Except as above provided, in levels or on times where the coal is low or the roof strong enough to stand safely without the use of beam timbers but it becomes necessary to set post timbers with caps for permanent supporting the roof such posts shall be paid for at the rate of 40 cents per linear foot.

## PENNIE AND MICHEL

**BRIDGE STICKS.** "Bridge Sticks" shall be set by Company men or by the miners. If set by the latter they shall be paid for at the rate of \$2.90 per bridge stick.

**TRAILER STICKS.** Tracks with 16 pound rails shall be laid by the miners in levels and pass hills, and in rooms and inclines shall be laid by miners a toe or length of tail from long and switch is laid by Company men in rooms a rate of 12 cents per linear yard for single tracks and a rate of 44 cents per linear yard for double tracks will be paid for all tracks laid by miners.

**TIMBER RIFTS.** With lagging and centre posts, when required 6 inch to 10 inch \$1.45 per set 10 inch to 12 inch \$1.75 per set over 12 inches \$2.10 per set. Heavy timber used in partings 12% per set with lagging.

Where centre posts in entries are put up further from the face than the special rules demand, same shall be paid for.

**NOTE** It is not the intention of this rule that it is a custom to centre post entries unless in case of danger.

**CHUTTS** The Company will build the first section of chutes, owners shall build thereafter and shall be paid at the rate of 44 cents per ton per yard for all chutes built. The Company shall deliver all material at end of chutes.

**BEL SHIPS** 15 $\frac{1}{2}$  cents per bushel in width, per inch in depth per tonal yard.

**METAL WHEELS** for each ton of the McGaughy iron ore property set out the Company will pay \$4.26 \$2.00 each ton in the price of smaller Metal wheels iron and property set out \$7.26 each ton the L. T. wheelbarrow and property set out. The reason is it is agreed that any of these shall be taken up these figures as 12 feet. The Company reserves to itself the right to replace the L. T. wheel with that of other than that of the Contract Miners.

**TRAILING WATER** The Company will pay 50 cents for trailing water.

Where small dump cars are used in lieu of regular mine cars going a distance a price of 75 cents per cubic yard shall be paid up to a distance of 100 feet.

## LOCAL CONDITIONS

Coal to employees run of mine delivered, Coal Creek and Mineral River, \$3.17 per ton.

Coal to employees screened delivered, Coal Creek and Mineral Creek, \$2.81 per ton.

Coal to employees run of mine delivered, Ferndale, \$3.49 per ton.

Coal to employees, screened delivered, Ferndale, \$4.13 per ton.

Salaries per month for each house, \$1,00  
Water per month for each house, \$1.00  
Water per month for each shop, 40 cents  
Wages per month for back yard to be cleaned extra, \$1.00.

From night to night per 1000 light  
50 cm/s

## What is the purpose of the `if` block?

130 *Journal of Health Politics, Policy and Law*

However, I am in agreement with the Agreement and am prepared to sign it. It is my desire to submit this to the Board of Directors and to have the same voted upon.

## Decksche

In the average weight of deer in each case exceed 17 pounds. At this value 17 pounds the difference between the actual average

weight of dirt in each car and the 5 pounds per car allowance shall form the basis of allowance for waste.

It is further understood that the system of weighing the average cart sent out in each car may be checked at either the request of the miners or the Company at any time during the life of this Agreement.

Further should the dirty coal or slate sent out by the miners exceed the allowance above specified, the following system of fines to prevail:

First offence 24 pounds of rock or slate warming and fine of 100 pounds of coal. After the first offence 48 pounds of rock or slate shall be laid 200 pounds of coal 88 pounds of rock or slate to be fined 400 pounds of coal and 150 pounds. Rock or slate over shall be fined all the coal in the car and liable to discharge.

The weighman shall give the first warning and keep record of offenders and report them daily to the Mine Manager.

The money coming from the spectra box of weighman or car drivering the actual weight of each car shall be applied to providing prizes for miners sports or to the entertaining of miners' families.

## CORBIN COAL AND COKE COMPANY, LIMITED

No. 4 Mine

### ROOMS

Caps. 11 feet over all posts 10 feet high, 12 feet clear spread at the bottom, \$13.52 per linear yard.

Timbers, including all necessary forepoling with centre posts, \$2.90 per set

Timbers exceeding 16 inches diameter at the butt to be paid for at the rate of \$3.62 per set

Timbers will be laid by the Company except short lengths next to the face, which shall be laid by the master *see of charge*

**4.34 PER TON** All additional charges over 200 feet to be paid when 75 cents per cubic yard up to 300 feet and seven 171 cents per cubic yard extra for each additional 100 feet

#### Local Conditions

House rent to remain as at present

Electric lights, per 16 x 12 light \$2 cents per month

Men, raw coal delivered, \$3.17 per ton

Screened coal delivered (when practicable) \$3.81 per ton

#### TRADING IN COAL

The miners are to deliver their coal as free from rock or other impurities as is practicable and in case of a master failing to do so he shall be warned for the first offence for the second offence or aggravated cases he may be discharged.

Other conditions to remain as at present

#### MCGILLIVRAY CREEK COAL AND COKE COMPANY LIMITED

##### No. 2 Beam

**MINING RATE** (Except in pillars) to be 85 cents per gross ton Pillars to be 74 cents per gross ton.

**YARDAGE.** Main entries 10 feet wide by 7 feet high on low side and thickness of coal on upper side, price \$2.54 per lineal yard. Coal from main entry, 85 cents per gross ton.

**COUNTER ENTRIES.** To be 6 feet by 10 feet, price \$2.54 per lineal yard coal from counter-entries, 85 cents per gross ton.

**CHUTES.** Between entries 6 feet by 8 feet \$2.18 per lineal yard, coal from chutes, 85 cents per gross ton.

#### **ROOM CROSS-CUTS**

To be not less than 8 feet not to be driven more than 25 feet from one side, no track, \$1.45 per lineal yard.

If over 25 feet and up to 35 feet, yardage 36 cents extra, per lineal yard.

If over 35 feet and up to 50 feet, yardage 72 cents extra, per lineal yard.

If over 50 feet yardage \$1.08 per lineal yard.

#### **TIMBERING**

**Berry Timber.** Maximum to be 12 inches in diameter at butt and 14 feet in length, \$2.90 per set, with lagging.

**Beam Timber.** Maximum to be 10 inches in diameter at butt and 16 feet in length, \$1.45 per set. If required to set timber of larger dimensions, to be paid for in proportion or by set by the Company.

**PROPS.** All props exclusive of those used to set brattice or chutes, seven cents per lineal foot.

## LAGGING

Fatines, cross-cs., corners and cross-cs. \$1.45 per yard, to be the full height of the seam when necessary.

When the Company requests the miners to lag the side of the room sets in No. 2 Seam, 60 cents per side for lagging the side the height required.

TRACK LAVING All tracks to be laid by the Company, except a pair of temporary rails to be face, which shall be laid by the miners without charge

CHUTTS 44 cents per lineal yard. Five planks 2 inches by 12 inches, 2 posts every 8 feet with cross pieces, including sheet iron.

## BRUSHING

Brushing shall be paid for at the rate of 1½ cents per foot in width, per inch in depth, per lineal yard, up to 12 feet in width over 12 feet in width in pillars no brushing to be paid for

Brushing in main entry, where a ratchet drill is used 12 cents per lineal yard if done by hammer and steel, to be Company work.

BRATTICE 7 cents per lineal yard for each foot in height

The Company is requested that where more than two contract miners are placing coal into the same chute on a tonnage contract, to

pro rate the tonnage from each working place on a basis of cubical measurements.

### Local Conditions

#### DOCKAGE

There shall be 56 pounds added to the tonnage of each car.

First delivery coal, warning only

Rock over 80 pounds and up to 120 pounds deduct 400 pounds of coal

Rock over 120 pounds and up to 150 pounds, deduct 480 pounds of coal

Rock over 150 pounds and up to 224 pounds, deduct 560 pounds of coal

Rock over 224 pounds and up to 280 pounds, deduct 630 pounds of coal

Rock over 280 pounds deduct whole car

First offence, two days lay-off.

Tenth offence, discharge

Each day on which a car over is docked counts as an offence

Ten offences to be within one month.

Delivery of house coal to workmen to be entitled to fifteen tonnes of Carbondale and coal ash at \$3.17 per ton. If the Company are requested to deliver coal beyond said places, arrangements to be made between Company and employees.

### INTERNATIONAL COAL AND COKE COMPANY, LIMITED

#### No. 2 Barn

MINING RATE (Except in pillars) to be \$5 cents per gross ton. Pillars to be 74 cents per gross ton.

## YARDAGE.

Leveles to be 10 feet wide, 2 feet high on the low side and thickness of coal on the upper rule \$2.44 per meal yard.

Parallel airway to be 6 feet by 10 feet, \$2.54 per meal yard.

Cross cuts between levels, 6 feet by 8 feet \$2.00 per meal yard.

Room cross cuts to be not less than 8 feet by 8 feet, not to be driven more than 25 feet from one side, no tracks \$1.45 per meal yard.

If over 25 feet and up to 35 feet yardage 26 cents extra per meal yard.

If over 35 feet and up to 50 feet yardage 22 cents extra, per meal yard.

If over 50 feet, yardage \$1.08 extra, per meal yard.

## TIMBERING.

Heavy Timbering Maximum to be 12 inches in diameter at butt and 14 feet in length, \$2.90 per set with lagging.

Room Timber Maximum to be 10 inches in diameter at butt and 16 feet in length, \$1.45 per set. If required to set timber of larger dimensions, to be paid for in proportion or be set by the Company.

PROPS All props, exclusive of those used to set brattice or chutes, 7 cents per meal foot.

LAGGING Fimers, cross cut corners and cross cuts, \$1.45 per yard, to be the full height of the seam when necessary.

**TRACKLAYING** All tracks to be laid by the Company, except a pair of temporary rails to be faced, which should be laid by the miner without charge

**CHUG** \$1.00 44 cents per lineal yard, 5 planks 2 inches by 12 inches, 2 posts every 8 feet, with cross pieces. This includes short iron.

**BRATTICE** 7 cents per square yard for each foot in height

**BRUSHING** Brushing shall be paid for at the rate of 1½ cents per foot in width, per inch in depth per lineal yard up to 12 feet in width over 12 feet in width in pillars, no brushing to be paid for

Brushing in the main entry, where a ratchet drill is used 12 cents per lineal yard, if done by hammer and steel, to be Company work

### **SKIPPING**

No 2 Main Entry First skip in coal

Present No 2 Main Entry prices as per Agreement

### **Reopening and Retimbering No. 2 Main Entry**

\$14.50 per lineal yard

\$2.90 per set, 10 feet to 12 feet inclusive, at height of car

85 cents per gross ton coal

### **No. 4 Seam**

No powder

**MINING RATE** (Except in pillars) to be 76 cents per gross ton. Pillars to be 66 cents per gross ton

YARDAGE Levels not less than 12 feet wide by thickness of seam, \$5.81 per linear yard.

Parallel, thickness of seam not less than 10 feet wide, \$1.45 per linear yard.

Cross-cuts between levels, thickness of seam not less than 8 feet wide \$1.45 per linear yard.

Cross-cuts between rooms, thickness of seam not less than 8 feet wide not to be driven more than 25 feet from one side \$1.45 per linear yard.

If over 25 feet and up to 35 feet, yardage 36 cents extra, per linear yard.

If over 35 feet and up to 50 feet, yardage 72 cents extra, per linear yard.

If over 50 feet, yardage \$1.08 extra, per linear yard.

**TIMBERING** Same as No. 2 Seam.

**PROPS** Same as No. 2 Seam.

**LAGGING** Same as No. 2 Seam.

**TRACKLAYING** Same as No. 2 Seam.

**CHUTHS** Same as No. 2 Seam.

**BRATTICE** Same as No. 2 Seam.

**BRUSHING** Same as No. 2 Seam.

**Repassing and Retreading No. 4 Main Entry**: \$14.51 per linear yard.

\$2.90 per set, 10 feet to 12 feet inclusive, at height of car

76 cents per ton coal.

## Local Conditions

### DOCKAGE

Old cars to have 25 pounds added to tare.  
New cars to have 35 pounds added to tare  
First. The master to be warned that he is  
sending out dry coal.

Dockage to be as follows:

Over 40 pounds and up to 60 pounds, 200  
pounds of coal

Over 60 pounds and up to 75 pounds, 400  
pounds of coal

Over 75 pounds and up to 112 pounds, 600  
pounds of coal

Over 112 pounds and up to 140 pounds, 1600  
pounds of coal

Over 140 pounds, the whole car (small car)  
or 3400 pounds of coal.

Large car, over 206 pounds, the whole car

Upon the ninth offence the miner is subject  
to two (2) days' lay-off

Tenth offence, discharge

Each day upon which the miner is docked  
counts as an offence. The ten offences to be  
within one (1) month.

Average car to be average of the cars on the  
trip before the car in question for that check  
number

The Company will deliver workmen's house  
coal at \$3.17 per ton

Other conditions to remain as under the  
Agreement expiring March 31, 1919

WEST CANADIAN COLLIERIES,  
LIMITED  
BLAIRMORE SOUTH MINE  
No. 1 seam

**GRASSLANDS** - 8 feet x 10 feet spread 7 feet over glass at \$10.00 per linear yard including all lumbering, rocklaying, ditching and handling - \$1.00 per cu. yd.

REASONS: that the job has an interesting building and character and that one should never leave a job to the point of being unable to work.

CHARTER 648 W. 31. 1908.  
1118. 6 feet by 6 feet per square yard.

With A-50 A-50 + A-50, 100' x 100' driven 12 feet on 15 foot wide including bracing and timbering. 100' x 100' per 100 yard.

**LUMBER EXCHANGE, TIMBERS 30 cents per cubic yard.**

4 HHT's to be built up 8 feet, arched all brick, and using stone and sheet iron \$120 per foot, and no timber.

**MANAGERS** - To be elected by & are elected at first State fair here and no timber except pine.

BRIDGE IN THE HILLS (1114) - to be done in 12 feet made by height of seven inches by 12 inches and strung with three pairs of feet apart 3 feet where the leading and lagging is to be put the chisel and each

gobbed if required. Price \$1.00 per cubic yard. Same price for rooms which not to exceed 8 feet in length.

### PILLARS ACROSS PITCH

Price 70 cents per cubic yard, including timbering and building temporary chute if necessary. Coal to be put in chute and rock gobbed if required.

In chutes and manways the price is based on coal 5 to 6 feet thickness of coal, if more or less than 5 or 6 feet, to be paid for proportionately down to 4 feet.

All horizontal breasts driven over 200 feet to be paid 72 cents per lineal yard extra up to 300 feet.

### GREENHILL MINE

#### No. 1 Seam

GANGWAY 8 foot collar between notch 24, 12 foot spread, 7 feet clear above rail, including all timbering, light lagging, tracklaying, ditching etc., loading coal and rock in separate cars \$16.00 per lineal yard

RAISERS 6 feet by 6 feet or 6 feet by 8 feet, including timbering, bratticing and chute building. \$1.24 per cubic yard. First length of chute (12 feet) to be \$7.26 if built by miner

Timbering, \$1.45 per set, a set to consist of three pieces where necessary

### COUNTRY GANGWAY

6 feet by 6 feet, including timbering, bratticing and handling coal, \$1.33 per cubic yard.

Timbering \$1.45 per set a set to consist of three pieces where necessary

#### **BRIDGES 14'-11" plus H AND A NAIL FS**

To be no less than 12' 6" feet wide, to include timbering sheet iron and 7' beams 76 cents per cubic yard.

To be 7 feet by 10 feet to include timbering sheet iron along a right feature laying sheet iron and beams \$1.14 per cubic yard

Timbering \$1.45 per set a set to consist of three pieces where necessary

#### **BRIDGES 14'-10" plus H**

To be not 8 feet to 12' 6" feet wide to include timbering sheet iron, laying brick, laying stone and grubbing rock \$1.14 per cubic yard

Timbering \$1.45 per set a set to consist of three pieces where necessary

All heavy nail braces driven over 200 feet to be paid \$1.45 per yard extra up to 300 feet

#### **CROSS-CUTS**

6 feet by 6 feet including timbering, sheet iron, handling coal \$1.14 per cubic yard

Where shoveling is necessary, if driven over 15 feet to one side 72 rows to go up to 40 feet. Three 50' feet to be mutually arranged

Corners \$2.90 per corner 3 parts securely lagged.

Timbering \$1.16 per set a set to consist of three pieces where necessary

#### **PILLARS**

Including all work necessary to deliver coal in a clean manner and keep the place in a safe condition. 76 cents per cubic yard

First length of chute in Mass and Back Angles, \$5.81

Double laying of sheet iron, 44 cents per yard

Building and tearing down platform, \$4.36.

Bulkhead and galleries to be built by Company men.

**NEEDLING.** Where the Company requires needling in of the collar of the breast sets on one rib and hacking in the collar of the opposite rib, a price of \$1.00 to be paid. Minimum depth of needling 8 inches.

#### No. 2 Seam.

##### GANGWAY

8 feet collar between notches, .1 feet spread, 7 feet clear above rail, including all timbering, tight agging, ditching and loading coal and rock in separate cars, \$.600 per linear yard. To include also the laying of ties and short length rails. Laying permanent track in on lines, 27 cents per yard.

6 feet by 6 feet or 6 feet by 8 feet \$.27 per cubic yard.

Timbering, \$1.45 per set, a set to consist of three pieces where necessary.

First length of chute 12 feet, to be \$7.26 if built by miner.

##### COUNTER GANGWAY

6 feet by 6 feet, handling coal, \$1.33 per cubic yard.

Timbering, \$1.45 per set, a set to consist of three pieces where necessary.

## ROOMS UP THE PITCH AND ANGLES

To be not less than 9 feet wide nor more than 11 feet wide \$1.14 per cubic yard.

Timbering, \$1.45 per set, a set to consist of three pieces where necessary.

## ANGLE CROSSES

6 feet by 6 feet handling coal \$1.33 per cubic yard.

If driver over 25 feet and shovelling is necessary, 22 cents per tonal yard extra up to 50 feet. Over 50 feet to be mutually arranged.

CORNERS (CROSS-OUT) \$2.90 per corner consisting of three posts securely lagged.

TIMBERING (CROSS-OUT) \$1.16 per set, a set to consist of three pieces where necessary.

## PILLARS

When pillars are extracted in this seam, an application for a rate will be in order.

If conditions in this seam develop so that the size of the rooms can be increased, then an application for an adjustment in rates will also be in order.

First length of chisel in main and back angles, \$5.81

Double laying of sheet iron, 44 cents per tonal yard.

Building and tearing down platform, \$4.26.

Bulkhead and batteries to be built by Company \$2.50

Brushing bottom rock in No. 5 Gangway in No. 2 Seam, Brushing in main entry, where a

ratchet drill is used 12 cents per inch, per linear yard, if done by hammer and steel to be Company work.

## BELLEVUE MINE

### No. 1 Room

**COLLAR** To be driven 11 feet collar 14 feet spread, 4 feet 6 inches high and \$21.50 per linear yard, including all necessary track laying and handling of coal and rock. Rate to be proportioned to length of collar down to 8 feet.

**4' 4 1/2" TIPS** To be driven 7 feet by 10 feet of ading heading, 6 feet 8 1/2 inches per linear yard, height 4' 4 1/2" and battery \$7.50 if not hauled by the Company.

**4' 4 1/2" TIPS** \$1.45 per set a set to consist of three pieces where necessary.

**4' 4 1/2" TIPS** To be driven 8 feet by 6 feet face outside and by car \$5.30 per linear yard, including all necessary track laying, heathering and handling of coal and rock. Three piece sets \$1.06 per set.

**4' 4 1/2" TIPS** To be driven 8 feet above rail to bottom of timber and 2 feet 6 inches and 10 feet spread at bottom, including timbering three piece sets, lagging, laying track, heading and dumping a set \$13.42 per linear yard.

## CROSS-CUTS

To be driven 8 feet by 6 feet both sides, \$46.10 per linear yard.

**CORNERS** \$2.90 consisting of three posts securely lagged.

**Timbering** \$1.16 per set a set to consist of three pieces where necessary

If driven over 45 feet from one side, 72 cents per linear yard extra up to 50 feet

Over 50 feet to be mutually arranged

**CROSS CUTS AT THE PIT HEAD** For loading, pushing etc coal which is moved from cross cuts which are driven up the pitch between rooms across the pitch where the contractor cannot perform such work he shall be paid 36 cents per cubic yard for the coal which he handles in this way

**BREASTS (I.E. THE PIT HEAD)** To be driven 10 feet by 30 feet, including roadway, chute and air-right headings \$1.746 per linear yard. Three piece sets if required, \$1.45 per set. Breasts of greater or less dimensions to be paid for in proportion down to a width of 13½ feet

## **PILLARS**

66 cents per cubic yard, including setting of five rows of props where necessary

Where a barrier is left when drawing a pillar 71 cents per toe shall be paid for the top 13½ feet of the pillar.

## **BREASTS ACROSS THE PIT HEAD**

To be 12 feet high by 8 to 12½ feet wide, including loading coal, bracing and laying track and for breasting \$1.34 per cubic yard three piece sets if required, \$1.45 per set

All horizontal breasts driven over 200 feet to be paid \$1.45 per yard up to 200 feet

## NO. 2 SAW

**COLLAR** To be driven 11 feet collar 14 feet spread 7 feet bear above rail \$21.50 per local yard including all timbering track laying and handling of coal and rock. Rate to be proportional to length of collar down to 8 feet.

**CHUTTS** To be driven 7 feet by 10 feet, including building chute \$24.45 per local yard first length 1 chute and battery \$7.26 if not built for the Company.

**Timbering** \$1.45 per set a set to consist of three pieces where necessary

**CUTTING LAWNS** To be driven 6 feet by 6 feet from a side and by car \$3.20 per local yard including timbering track laying, building and handling of coal and rock, three piece sets lagging using track loading and dumping coal \$12.82 per local yard

**AWAYS** To be driven 7 feet high above rail to bottom of timber and 7 feet collar and 10 feet spread at bottom, including timbering three piece sets lagging using track loading and dumping coal \$12.82 per local yard

**CROSS CUTS** To be driven 6 feet by 6 feet both sides \$4.61 per local yard

**Corners** \$2.50, consisting of three posts securely lagged

**Timbering** \$1.16 per set a set to consist of three pieces where necessary

If driven over 25 feet from one side 22 cents per local yard extra up to 50 feet

Over 50 feet to be mutually arranged

**CROSS CUTS (UP THE PITCH)** For loading pushing etc., coal which is raised from

cross-cuts which are driven up the pitch where the contractor minor performs this work he shall be paid 36 cents per cubic yard for the coal which he handles in this way.

**BREASTS (T. T. T. & C. C. H.)** To be driven 10 feet by 20 feet including timbering, chisel and sarding; 1 bratt, \$17.06 per lineal yard. Three piece sets if required, \$46 per set. Recovery of greater or less dimensions to be paid for in proportion down to a width of 13½ feet.

## PILLARS

66 cents per cubic yard including setting of five tons of traps where necessary.

For driving across top of Farmer pillars, 13½ feet wide 71 cents per ton.

## BREASTS ACROSS PITCHES

To be 16 feet high by 8 x 12½ feet wide, including an iron rail, breasting, iron laying track and timbering, \$1.14 per cubic yard three piece sets if required, \$1.46 per set.

All hot points, breasts driven over 200 feet to be paid \$1.46 per yard up to 300 feet.

## No. 4 Beam

**WALKWAY** To be driven 8 feet collar 12 feet spread, 7 feet clear above rail, \$16.89 per lineal yard. Rock in centre \$ .82 per lineal foot.

**COUNTER WALKWAY** To be driven 6 feet by 6 feet \$5.38 per lineal yard three piece sets, \$1.16 per set.

**CHUTES** To be driven 7 feet by 10 feet \$8.48 per lineal yard.

Timbering \$1.45 per set, a set to consist of three pieces where necessary

### BREASTS

To be driven 5 feet by 30 feet \$9.22 per lineal yard, three-piece sets if required, \$1.45 per set

If stain is less than 4 feet, to be paid \$1.54 less for each foot in reduction, and to increase at the rate of \$.54 per lineal yard per foot in thickness.

### CROSS CUTS

To be driven 8 feet by 6 feet, \$4.61 per lineal yard

Corners \$2.90, consisting of three pieces securely lagged.

Timbering \$1.16 per set a set to consist of three pieces where necessary

To be driven over 24 feet from one side, 72 cents per lineal yard extra up to 40 feet

**CROSS-AT-THE-PIT-THREE** For loading timber etc where coal is raised from cross-cuts which are driven up the pitch when the master performs this work he shall be paid 36 cents per cubic yard for the coal which he handles in this way

**PILLARS** 70 cents per cubic yard, including setting of five rows of props where necessary

### All Scarp

In case the Company wishes to pay on basis of cubical contents, the rate paid shall be according to existing basis of measurement and prices.

Double laying of sheet iron, 44 cents per yard.

Laying sheet iron on pillars, 1½ cents per ton.

Company men to furnish their own tools, which the Company agrees to take back when they leave the service at their initial value.

### **BLAIRMORE, GREENHILL AND BELLEVUE MINES—ALL SEAMS**

**CHUTE** B.L. DING. Shall be paid for at the rate of 44 cents per yard, 3 planks 2 inches by 12 inches, 2 posts 8 feet with cross pieces. This includes sheet iron.

**BRATTICE** 7 cents per lineal yard for each foot in height.

**CLAY** To be placed nearest cross-cut to face.

**MANWAY** Ladders 2 feet wide, one foot between rungs, 29 cents per lineal yard.

#### **Local Conditions**

Run-of-mine coal delivered to workmen, \$3.17 per ton.

Screened coal delivered to workmen, \$3.81 per ton.

Delivery of coal to be confined to Townsite of Bellevue, owned by the West Canadian Collieries, Ltd., and the present Townsite of Blairstmore, if the Company is requested to deliver coal beyond said places, arrangements to be made between the Company and employees.

**DEALERSHIP.** Miners are to deliver their coal to dealers, packers and other consumers at the price which applies and a small charge should be levied for carriage of the coal. Dealers and other consumers are to guarantee that the coal be delivered.

## CHINOOK COAL COMPANY LIMITED

All coal in the coal fields are to be secured and bought and sold by the Chinook Coal Company.

**CHINOOK COAL COMPANY.** Miners are to bring all coal to dealers, packers and other consumers at the price which applies and a small charge should be levied for carriage of the coal. Dealers and other consumers are to guarantee that the coal be delivered.

## Reserves.

**MINES.** CHINOOK COAL COMPANY. Coal mining including mining and selling all coal produced in coal fields which are to be secured and bought and sold by the Chinook Coal Company. The Chinook Coal Company is to be responsible for all coal produced in coal fields which are to be secured and bought and sold by the Chinook Coal Company. The Chinook Coal Company is to be responsible for all coal produced in coal fields which are to be secured and bought and sold by the Chinook Coal Company.

Small birds I measured wing expanse width and length 20 mm. per small bird. I used the same technique to measure length of feet from toe to heel in mm. to 1/100th of a mm. and permanent records to 1/1000th of a mm.

10

Lambency

18. **1990-1991** - We are still writing and  
unloading freight. We are also planning on taking  
a vacation that will last 2-3 days. We will then  
make a long distance road trip to the  
Rocky Mountains. We are going to stay at a  
long distance hotel for a week. We will also go to  
several parks.

Boats can be built in the same way as the  
smaller boats with the exception that the  
bottom of the boat should be parallel to the  
bottom of the water and the boat should be  
about 10 feet long by 3 feet wide and 18  
inches high on the sides. The boat should be  
constructed of wood and should be strong as directed,  
and should be made of wood and should be wide  
18 inches and high 18 inches and 10 feet long by  
10 feet wide. The boat should be made of wood  
and should be made of wood and should be the base  
of the boat part. The boat should be made fast in  
depth. When setting the boat on the ground

In November 1940, the first major air raid warning in the United States, all aircraft and shipping at designated ports, were ordered to turn on search lights along their respective routes. Bright search lights were placed and other means, having consideration, such as projectors, were used to bring the search lights on.

Law has progressed rapidly in a number of fields, particularly in the field of public health. The public health policies have been very effective in that the good health services, the right to job security, personal health care, Medicaid, and other law have been developed and adopted in a process whereby qualities of the system are maintained.

Based upon an average of the average per capita income of the Negro population of the United States, it has been estimated that the annual income of Negroes per household would be \$1,000.00. This figure is based upon the average per capita income of Negroes in the United States, equal to the sum of the average per capita income of Negroes in the Negro population and the average per capita income of the Negro population in the United States. This figure will be used as the average per capita income of Negroes in the Negro population in the United States.

an entries entry width on the basis of \$1.12 per linear yard for one foot in depth. Brush and top soil on rates to double of entry width, \$1.00 per linear yard. cutting through faults, entry width and height \$0.80 per linear foot. Unweighted for soil, the same \$1.00 and height \$1.20 per linear ft. The glacial materials \$4.00 a yard in faults. Dams to be free in width up to and including 100 feet. Water tanks which were not to be larger than 100 feet by 100 feet or 10000 cu. ft. to be larger to 10000 cu. feet by 10000 cu. feet by 10000 cu. feet per tank when tank is headed by 10000 cu. yards and not above where 10000 cu. per tank or 10000 cu. yards in width plus 10000 cu. feet per tank. Dams to 10000 cu. feet per tank. A cost of 10000 cu. yards for 10000 cu. feet per tank. Headings to be 10000 cu. feet by 6 inches or greater broader. \$1.00 per yard.

All other charges and conditions underground to remain as existing previous to March 31, 1909.

### Local Conditions

**THIN BEDS.** A loader will be paid 15 cents for each offence for sending out dirty coal, and after the third offence a fine may be imposed. When found the number will be placed on the dark board in the bankhead. The placing of the number on the dark board will be considered as due warning.

**ABNORMALS, & THICK BEDS.** An abnormal or variation shall be considered as a condition where the seam is faulted or bent out to a point less than 40 inches in thickness. If the seam is under 40 inches in thickness, 24 cents per ton extra for each inch will be paid.

42-5125-5. To be composed from the time of which the first workman on the shift leaves the station to the time the first workman on the other station is in position.

CULTURE

It can be for good but can be for bad as well, as the saying goes, "The pen is mightier than the sword."

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Mr. H. H. H. — I believe you are right in your opinion. It is a good time to go to the country, nearly all the country is covered with snow. There are a great many birds about, and the snow helps to keep them warm. The snow is very deep in some places, and the ground is covered with snow and the birds are not able to get out of the ground, so they are unable to find food. There are great numbers of birds flying about, and they are looking for food. It is a good time to go to the country, and the birds are very plentiful.

and height 25 cents per board foot. It seems to be only to give a minimum height of five feet the distance between top of joist and floor and bottom of joist base.

LITERATURE

1000

THE BOSTONIAN. We are very glad to add a list of  
subscribing members to our previous list, and call the  
attention of our friends to the names of those who have  
made a liberal contribution to our  
fund. In the following list we have  
omitted nothing which we consider important, and will  
not apologize for it. We are sorry to find that the  
names of some of our Boston friends have been omitted. We  
trust that they will be added to our list in the next number of  
the BOSTONIAN. We are sorry to find that the names of  
some of our Boston friends have been omitted. We

However, you may purchase a plot of virgin, sharp  
bright, and fine sand, which is to be used in the walls which  
between the two houses shall be placed out at the  
rate of \$100 per cubic yard, and \$100 per  
cubic yard for the walls. If you do not want sand, the  
concrete, and the stone, being distributed in these said  
magnitudes, as above, it is to be paid for the walls \$100  
per cubic yard, and the same per cubic yard for the  
thickening of the said building. However, in  
superseded cases, when a plot is sold, on the basis  
of the same per cubic yard for each foot of

the path. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 <span

14 cents per ton extra. Dynamite free in wet places and wet shaft holes. Water in entries, where necessary to remove same from the face by pump or water tanks, on the basis of \$2.00 for each half month or 20 cents per tank when tank is used by pump. This does not apply where 14 cents per ton extra is paid in wet places. Never use pumps when directed 2 cents per pump. A set of number consisting of a cross bar and two pegs. Bridge sticks 6 inches by 4 inches or round timber 50 cents per set.

All other prices and conditions underground to remain as existing previous to March 31 1919.

### Local Conditions

**DETACHMENT** A loader will be fined 25 cents for each offence for grading out dirty coal and after the third offence he may be discharged. When hoist has not been will be placed on the dock board on the bankhead. The placing of his number on the dock board will be considered as due warning.

**ABNORMAL CONDITIONS** An abnormal condition shall be considered as a condition where the seam is faulty or thins out to a point less than 48 inches in thickness. If the seam is under 48 inches in thickness, 15 cents per ton extra for each inch will be paid.

### INSECT PAY MAGE

To be computed from the time the first workman in the shift leaves the surface to the time the last workman in the shift returns to the surface.

Wash house, \$1.00 per month.

Electric lamps 1% of gross earnings.

Employees to deliver their own coal.

## FEDERAL COALS, LIMITED ENTRIES

8 feet wide and 5 feet 2 inches from top of rail to bottom of boom, mining, shooting and loading of coal, furnishing explosives, unloading of timber and handling cars, loading up all rock and other waste, \$1.00 per ton.

Leaving bottom or brushing down top in an entry. For each foot in depth for width of entry, \$1.13 per yard.

Permanent track to be laid by the owner when ordered, with ties placed not more than three feet apart centre to centre, 3½ cents per linear foot.

## ROOMS

16 feet wide and over, mining, shooting and loading of coal, unloading of timber, handling all rock and other waste, setting all timber \$1.46 per ton.

In room work the ribands next to the roadway shall be squared up in a workmanlike manner, and no top coal shall be left overhanging. All booms shall be notched into coal to a distance of at least six inches at one end, and with prop set under the other end of boom. These booms shall not be more than three feet apart centre to centre unless authorized by the overman in charge.

## PILLARS

Moving, shooting and loading of coal, unloading of timber, handling of cars, handling of rock and other waste, \$1.05 per ton.

At however, a pillar in most hard pick room conditions, \$1.34 per ton.

**DITH, IF N.Y. PLACES** Shall be paid for at the regular shift wage rate, but the official in charge shall have the right, to call upon any competent master in the employment of the Company to take his turn of work in such places.

## WET PLACES

In entries, 4 cents per ton extra. Dynamite free in wet places and wet shot holes. Will be in entries, where necessary to remove same from the face by pump or water tanks, on the basis of \$2.90 or each half month or 29 cents per tank where tank is loaded by the master. This does not apply where 14 cents per ton is paid in wet places.

In rooms where necessary to remove same by pump or water tanks, on the basis of \$2.90 for each half month.

Dyna and free in wet shot holes.

## YARDAGE FOR ROCK

Bone coal in the seam over 4 inches in thickness, 62 cents per linear yard.

At however account of pick mining conditions, 16 cents per linear yard.

Total 78 cents per linear yard.

**ROOM CROSS-CUTS** Cross-cut between rooms, \$2.18.

**1940-41 Budget.** - Eight hours per month per unit. Heavy hours, including 8 months, 8 months, 10 hours per month, 10 hours, 12 hours per month. The maximum is 14 hours per month, which may be paid for at 100%.

### HOUSE COAL

It is suggested to the managing director that an amount of Rs. 10,000/- be advanced to the FOB mine.

With the same number of cells, the same amount of energy is available for the production of the same amount of heat.

It is not possible to measure and determine the exact amount of energy that is lost in the system.

100

1000-1500 m. S. I observed only two  
and perhaps 20 nests per hectare, most of  
them made on under 1000 m. slopes among  
the rocks, per 1000-1500 m. slopes, others being  
among the rocks.

wide or less, 54 cents per lineal yard and 20 cents per ton. Cutting across pillars at face of rooms any width, 20 cents per ton. Cutting through faults, entry width and height 35 cents per lineal yard. Unstrung coal, entry width and height 28 cents per lineal foot. Entries to be cut to give a minimum height of five feet two inches between top of set timber falls and bottom of cross bars.

### Scrapers

Undercutting rooms and pillars, 15 cents per ton. Narrow walls 18 feet wide or under, except rooms, 15 cents per ton. Room cross cuts, 40 cents per lineal yard and 15 cents per ton. Cutting across pillars at face of rooms any width 15 cents per ton. Cutting through faults, entry width and height 26 cents per lineal foot. Unstrung coal, entry width and height 21 cents per lineal foot.

### Loaders

#### IN ROOMS

Shooting and loading coal, unstrung timber, furnishing explosives, taking down timber and grubbing at rock and other waste or loading in cars I ordered laying track, timbering and preparing place for cutting and handling are from and to car, 80 cents per ton. Using 4 inches by 6 inches 20 cents each. Boxes or 3 inches by 6 inches 18 cents each.

Brute coal in any portion of the seam, except top or bottom, which exceeds the total thickness of 6 inches shall be paid for at the rate of 62 cents per lineal yard. Room cross-cuts, pack work, \$2.20 per lineal yard.

15. **Are there any other areas of the state under  
except in certain areas only?**

Shipping and loading - all shipping an  
agent who is a long time and handling care  
taking to make up to even high and  
loading freight and other costs having  
expenses paid and preparing for the right  
time, \$1.21 per ton.

Leaving permanent marks on trees 30 centimeters per 6 x 6 foot track. These shall be in two positions on the tree, except top of the tree in which case only the top half must be marked. The marks shall be painted at the rate of 60 cents per thousand board feet on timber entries 2 inches and under, and 150 cents per board foot for entries 2 inches and over. Marking shall be done in black paint around timber 30 centimeters per set, leaving white between. Taking off corners

for curves where ordered \$2.00 each. Breaking box or in pairs where width on the bank of \$1.00 per box. If a box is to be taken depth breaking box or in pairs where width on the bank \$1.00 per box and for over the high banks \$2.00 per box and length \$1.00 per linear foot. If over one mile or more than length \$1.20 per linear foot. At that place on either 14 cents per foot extra. If over one mile or more place on the high banks \$1.00 per linear foot where over one mile or more than length \$1.20 per linear foot with a \$2.00 per box each when bank is to be dug by scraper. This does not apply to one 14 cent per foot extra as paid on a 14 cent. Breaking boxes when delivered \$1.00 per piece. A box not delivered separately \$1.00 each box and two pieces. Breaking boxes to pieces by the number of boxes \$2.00 cents per net.

All other prices are subject to undergo and to increase as existing previous to March 1, 1919.

### Local Conditions.

**Item No. 4.1.1** A box or with the head 25 cents for each above the second cut duty paid and after the first offering box to be discharged. While box is to be cut and be placed on the deck board on the truckhead. The placing of box in front of the deck board will be one hundred centavo.

**Item No. 4.1.2** A box or with the head 25 cents above the first offering box to be discharged where the road is capable of being cut to a point less than all a key in thickness. If the road is under 48 cm then no discharge. 14 cents per ton extra for each such will be paid

# THE CANMORE COAL COMPANY, LIMITED

## No. 1 Seam

**BREASTS** 20 feet wide, 4 feet high, \$6.88 per lineal yard.

**PILLARS** 20 feet wide 4 feet high \$9.68 per lineal yard increasing or decreasing thickness of seam to be paid for proportionately at \$1.12 per yard, per foot down to a minimum thickness of three feet including dirt or rock.

**SKIPS** \$4.03 per lineal yard 10 feet wide 4 feet high increasing or decreasing thickness of seam to be paid for at the rate of 50 cents per foot, per lineal yard, down to a minimum thickness of 3 feet, including dirt or rock.

## No. 2 Seam

**BREASTS** 20 feet wide, coal to be paid for in proportion at \$1.61 per foot, per lineal yard, for each foot in thickness.

**PILLARS** 20 feet wide coal to be paid for in proportion at \$2.02 per foot, per lineal yard, for each foot in thickness.

**SKIPS** 10 feet wide coal to be paid for in proportion at 80 cents per foot, per lineal yard, for each foot in thickness. Rock in this seam to be paid for at 14 cents per inch per lineal yard.

## No. 3 Seam

Prices to be the same at No 1 Seam. The basis of measurement to be a maximum thick-

ness of seam at 5 feet, instead of 4 feet as in No. 1 Seam.

#### No. 4 Seam

**BREASTS** 20 feet wide, \$9.68 per lineal yard 4 feet thickness increasing or decreasing thickness of seam to be paid proportionately at \$1 14 per foot per lineal yard.

**PILLARS** 20 feet wide, 4 feet thickness, \$9.68 per lineal yard increasing or decreasing thickness of seam to be paid proportionately at \$1 14 per foot, per lineal yard, down to a minimum thickness of 3 feet including dirt or rock.

**SKIPS** 10 feet wide 4 feet thickness, \$14.84 per lineal yard increasing or decreasing thickness to be paid for proportionately at 20 cents per foot, per lineal yard.

#### Curvy Seam

##### GANGWAY

6 foot collar, 10 feet spread 6 feet 6 inches high in the clear as driven at present, and including coal, rock, timbering and laying track, per lineal yard \$19.19

13 foot collar over all, 6 feet clear from bottom of collar to top of rail, 3 posts under collar collar to be notched for how a de post, securely lagged, \$22.86 per lineal yard

**BREASTS (UT THE PITCH)** 12 feet wide and 7 feet thickness of coal including timbering, charr and stairway, and brattice building, per lineal yard \$10.36.

**BRFANTS (ACROSS THE PITCH)** 12 feet wide and 7 feet thickness of coal, including timbering brattice track laying and handling of coal per lineal yard \$1.60

### **PILLARS.**

30 feet wide and 7 feet thickness of coal, including timbering and handling of coal per lineal yard \$15.35

These prices are based upon the present system of working, if a seam is more than 7 feet or less than 7 feet, to be paid for proportionately.

### **STEWART SEAM.**

**GANGWAY** To be driven 16 feet wide by height of seam, including all post timbering and lagging including handling coal and rock, per net ton \$9 cents 14 25 degrees pitch or under \$1.45 per lineal yard 14 with 25 degrees pitch, \$2.54 per lineal yard

**BRF 4.5% OR A KEL 1%** To be driven 16 feet wide by height of seam, including all post timbering lagging handling coal and rock, per net ton 39 cents where coal is loaded in regular mine car and 36 cents where coal is put into chute

**WELL ARKS** 30 feet wide by height of seam, secured timbered with post timber, handling coal and rock, per net ton 75 cents where coal is loaded in regular mine car and 62 cents where coal is put into chute

**ROUND AND ENTRY TIMBERING (When required)**

\$1.45 per set, 6 to 8 inches diameter

£1.02 per set, 8 to 10 inches diameter.

£1.18 per set, 10 to 12 inches diameter.

The above prices are based on the collar being cut for being sunk in, and prop and centre prop when required suitably lagged. If over 10 feet long to be paid for in proportion.

Inspiral where square sets are used in an angle required 2 shear pieces turned and secured lagged the collar to be not more than 12 feet between supports at least 12 inches thick £2.00 per set. Collar or prop greater or less dimensions to be paid for in proportion.

ALL WORKS IN 4 FEET & 10 INCHES & UP £0.80 PER FEET. If not so it will be over 25 feet and up to 35 feet, surcharge 5 cents extra per linear yard unless cut or furnished. If over 35 feet and up to 60 feet surcharge £1.10 per linear yard and so on as it is increased.

40 FEET HIGH WORKS To be made as required by present practice.

#### McGINTYS

The Company will move all the Ball wheel and labour other than that of the Contract Miner.

The Company will move all the shear places where the coal becomes abnormally hard.

#### DOCKAGE

Imbargo clause. So far as at Bremen Mine, an extra 100 pounds will be added to price of each car.

The following prices to prevail in all years.

1 house building. 72 cents per linear yard, to be built according to present practice 4 feet

wide, unless otherwise ordered by the Pit Boss. First width of cut to 16 feet \$3.62

Bulkheads, according to present practice, \$3.62. All retimbering and replacing broken timbers in breasts, if done by contract work 8 inch or 10 inch timber at 7 cents per foot.

Goa or Bratce Building in Breasts, 46 cents per linear yard.

All horizontal breasts driven over 200 feet to be paid 72 cents per yard extra up to 300 feet.

Chutes to be driven 12 feet wide at present rates, with 27% increase.

Gangways to be driven by special contract.

**MACHINE MIN. ING (ALL SEAMS)**

The rate for each cut shall be \$4.90.

Machine cutters to receive 4/7 or \$2.8. per cut.

Machine scrapers to receive 3/7 or \$2.00.

**OVERPUSH**

In rooms from 200 to 300 feet, 72 cents per linear yard.

In galleries 30 feet wide 200 feet to 300 feet, \$1.24 per linear yard.

In rooms from 300 to 400 feet, \$1.44 per linear yard.

In galleries 30 feet wide, 300 to 400 feet \$2.70 per linear yard.

#### **Local Conditions**

Mine run coal, \$3.7 per ton.

Screened coal \$3.81 per ton.

Wash house, \$1.00 per month.

Water outside tap per house using, £1.00 per month.

Other supplies at present rates

## LAMERHEAD MINES

### No. 2000 house.

100' X 100' X 10' 4' 6" X 10' 4" 10' 4" wide made in 10' 4" and height 10' 4" per yard £5.00 per tonal yard or making larger timber lagged.

10' 4" X 10' 4" X 10' 4" 10' 4" wide made in 10' 4" and height 10' 4" per yard £5.00 per tonal yard or making larger timber lagged.

10' 4" X 10' 4" X 10' 4" 10' 4" wide made in 10' 4" and height 10' 4" per yard £5.00 per tonal yard or making larger timber lagged.

10' 4" X 10' 4" X 10' 4" 10' 4" wide made in 10' 4" and height 10' 4" per yard £5.00 per tonal yard or making larger timber lagged.

10' 4" X 10' 4" X 10' 4" 10' 4" wide made in 10' 4" and height 10' 4" per yard £5.00 per tonal yard or making larger timber lagged.

## PILLARS

10' 4" wide £17.24 per tonal yard or making timbering boardings chocks and taking up and chocks in barrel. The coal to be put into chocks and chocks to be grubbed the coal to be further fit required.

The above prices are based on the seam being 3 1/2 feet thick or more or less than 3 1/2 feet, to be paid for proportionately, except in Main Gangway.

#### No. 0 Beam.

#### MAIN GANGWAY Special Contract

COT. N. 1 F.R. 1,4 GANGWAY 10 feet wide inside the timber and height of seam, \$3.50 per lineal yard, including single timber lagged

CHI. T.H.S. (between Main and Counter Gangways) 10 feet wide and height of seam, \$4.60 per lineal yard, including timbering, building of chute, lattice ladderway and laying of sheet iron

C. R. T.H.S. C. T. 1 1/2 10 feet wide inside of timbers, and height of seam, \$4.60 per lineal yard, including single timber lagged. Slack and refuse to be gobbed if required.

#### PIT LARS

120 feet wide \$7.60 per lineal yard including timbering, building of chute and taking up of old chute in breast. The coal to be put into the chute and slack and refuse to be gobbed behind wing boards, the coal to be forked if required.

The above prices are based on the seam being 3 1/2 feet thick, including cap rock of more or less than 3 1/2 feet to be paid for proportionately except in Gangways.

#### No. 2 Beam.

GANGWAY Square 10 x 8 foot collar between notches, and 9 feet legs, 12 feet spread.

placed 5 feet centres, lagged top and sides, \$12.29 per square yard for coal, including timbering and \$1.08 per linear foot of thickness per linear yard for oak when required to be lagged.

**C. 31. 5 ft. by 10 ft. 6 in. high.** Single timber lagged with a 10 ft. section on the low side of at least 3 feet, 10 feet wide from top of low side section to inside of timbering and height of seam, \$9.42 per square yard, including single timber lagged 12" oak per lineal foot of seam lagged, \$1.49 per foot three planks lagged.

**C. 31. 7 ft. between Breast and Counter**  
**longways.** 10 feet wide and height of seam \$2.68 per square yard, including building of roadway chute and bratt or seam laying of sheet iron.

**BREASTS.** (Up the Hatch) 20 feet wide with roadway on each end and coal chute and grub, \$8.95 per square yard including timbering building roadway, bratt or seam and laying sheet iron (coal to be put into chutes all slack and release to be gathered behind wing boards and the coal to be loaded as required).

## CROSS-CUTS

**Between Breasts.** 5 feet section on low side of required 8 feet wide from top of low side section to inside of timbers, and height of seam, \$6.91 per square yard, including single timber, lagged.

Three feet sections on low side of required, 10 feet wide from top of low side section to inside of timbers and height of seam, \$8.98

per lines yard, including single timber lagged

PILE AREA 4 (or 5) \$11.2 per lineal yard, including driving building of chocks and taking up of piles are in breast. The coal to be put in the chocks and slack and refuse to be golbed behind wing boards, and the coal to be loaded, if required.

SHIPS 6 feet wide and height of seam \$1.94 per lines yard, including timbering

The above prices are based on the seam being 8 feet to 10 feet thick; if more than 10 feet thick a proportionate allowance will be made, and if less than 8 feet a proportionate deduction will be made except in gangways.

#### No. 3 Areas

**GANGWAY** Single timber lagged, with section on low side of at least 4 feet, 12 feet wide from top of low side section to inside of timber and 8 feet high \$12.29 per lineal yard including single timber lagged. Where square curbers are required 8 foot center between noches 8 foot and 9 feet high, 12 foot spread placed 2 feet centers, lagged top and sides, \$13.82 per lineal yard including timber and \$1.00 per foot thickness, per lineal yard, for rock.

**COUNTER (GANGWAY)** Single timber lagged with a section on low side of at least 3 feet, 10 feet wide from top of low side section to inside of timber, and 8 feet height of seam, \$9.62 per lines' yard, including single timber lagged.

**CHUTES** (Between Main and Counter Gangways) 10 feet wide and height of seam, £7.00 per board yard including building of ladderways, chutes and ladders and taking sheet iron

**BR. ANTS** (Up the Ladders) 20 feet wide £6.91 per board yard including timbering, building ladderways, ladders and chutes and laying sheet iron the coal to be put into the chute and all slack and refuse to be grubbed before laying boards and the coal forked if required

**BR. ANTS (Between Brests)** 3 feet width on one side as required 8 feet wide from top of one side as far as the depth of timber, and height of seam, £6.91 per board yard, including sheet iron being required

**PILLARS** 40 feet wide, £2.50 per square yard including the work building of chute and taking up of old chute in deepest Coal to be put into the chute and slack and refuse to be grubbed before laying boards and coal to be forked as required

**SHUTTERS** 6 feet wide and height of seam £2.84 per board yard including timbering

The above prices are based on the seam being 8 feet thick, if more than 8 feet to be paid for proportionately except on Gangways

#### No. 4 seam

**MAIN GANGWAYS** Single timber lagged with a section on low side of at least 4 feet of least width from top of one side horizon to inside of timber £1.00 per board yard for coal, including single timber lagged £1.00 per

On 11 Nov 1944, the 1st paper Biplane  
and 2nd Biplane groups were merged into a 100  
Squadron. The 1st Biplane Group became 100 and 101st  
Biplane groups were merged into a single 100  
Squadron. The 1st Biplane Group was disbanded including  
the 1st Biplane Wing.

On 1000 m. elevation, there are scattered fragments of upper Rancholabrean (16,000 to 17,000 years old) sand, including boulders of the Colorado River and Pecos, and fragments of sheet wash.

It is now proposed to take a look at Upper  
Berkshire. It is to be the following: the first day  
would be a drive to Newbury, a walk and  
lunch there, or in the village, to be put over the  
old and well-known ground between  
Wokingham and the coast, to be followed at  
a frequent pace by a walk.

4. **Plates** - 12. Glazed Plates on 1 paper  
Mem. to - **Plates** - 3 each with the same value  
if required, 8 feet wide from top to bottom  
so that **each** **plate** - **number** and bright red  
border of 12 per **long** and including single  
number **labeled**.

111-2-9-18% due on water in Upper Bench  
\$14.74 per house yard including foundation  
building charge taking up old house in front  
and to be used again plate and glass and return

gives behind the song words and the words for the first stage.

Skidder per hour is the average and height of seam (ft) per hour is the average for bucking timbering.

These findings are consistent with those of the present study. We conclude that the use of the *in vitro* technique is a feasible and promising approach for the study of the pathophysiology of the human heart.

1960-1961

Category	Definition	Example	Notes
Adjective	Describes a noun or pronoun	big, red, happy	Can be modified by adverbs
Noun	Person, place, thing, or idea	dog, table, love	Can be modified by adjectives
Verb	Action or state	run, eat, be	Can be modified by adverbs
Adverb	Modifies a verb, adjective, or other adverb	fast, very, quite	Modifies the meaning of a word
Pronoun	Replaces a noun	he, she, it, who	Refers to a noun
Preposition	Shows the relationship between nouns or pronouns	in, on, at	Modifies the meaning of a noun
Conjunction	Joins words or clauses	and, but, or	Modifies the meaning of a word
Interjection	Shows emotion or surprise	oh, wow, ouch	Modifies the meaning of a word
Article	Indicates a noun	a, an, the	Modifies the meaning of a noun
Contraction	Two words joined together	isn't, can't, don't	Modifies the meaning of a word
Quotation	Exact words spoken	"I'm sorry."	Modifies the meaning of a word
Exclamation	Strong emotion or surprise	Wow!	Modifies the meaning of a word
Exclamation Point	Indicates strong emotion or surprise	!!	Modifies the meaning of a word
Question Mark	Asks a question	?	Modifies the meaning of a word
Exclamation Point	Indicates strong emotion or surprise	!!	Modifies the meaning of a word
Question Mark	Asks a question	?	Modifies the meaning of a word

It has been made clear that the plant is not being developed and the capital required to complete the scheme is required, and the

shark and refuse to be grabbed behind the wing boards, and the coal to be put into the chute for the car, and the rock

**CHUTE 12' 0"** Between Breastst. 2 foot section on low side at required 8 feet wide from top of low side up to outside of timber and the height of seam including single timber lagged. \$1.91 per linear yard

**PILLARS** 8 feet wide \$12.34 per linear yard each and a bearing walling of chute and taking up a 12' 0" wide break. The coal to be put into the chute with a load and refuse to be grabbed behind wing boards and the coal to be loaded at required

**SHIPS** 6 feet wide and height of seam. \$3.84 per linear yard, including timbering

The above prices are based on the seam being 8 feet thick or more or less than 8 feet, to be paid for proportionately, except in Gangways

#### No. 6 Room

**MARK 12' 0" X 12' 0"** Single timber lagged with a section on the low side of at least 4 feet 12' 0" up to top of low side section to outside of timber, \$12.39 per linear yard for coal, including single timber lagged, and \$1.08 per foot of thickness per linear yard for rock, where req. prod. to be 1 bed

**MARK 12' 0" X 12' 0"** Single timber lagged with a section on the low side of at least 3 feet 12' 0" wide from top of low side section to outside of timber and 8 feet height of seam, \$9.22 per linear yard, including single timber, lagged.

**CHIPS** Between Mine and Customer's  
Delivery Point. 10 feet wide and height 4 feet  
\$2.00 per barrel yard including loading, unloading  
and delivery. Horse and cart or truck delivery charge  
extra.

**LOGS** Up the hill to 20 feet wide  
per barrel yard and not doing lumbering  
or cutting logs. The logs to be cut and having  
them delivered to the point of delivery. The logs  
are to be cut to 8 feet, 10 feet long boards  
and the rest to 8 feet long logs.

**WOODS** Between Mine and Customer's  
Delivery Point. 10 feet wide  
and height 4 feet, not lumbering  
or cutting timber and having  
the wood delivered to the point of delivery  
including single or two logs.

**PILE DRIVING** per barrel yard \$3.50 per barrel  
yard and not doing lumbering or cutting  
timber or logs. The logs to be cut  
and having them delivered to be piled  
at the delivery point in the order to be  
bucked, if required.

## SKIPS

6 feet wide and height of seam \$3.50 per  
barrel yard including lumbering.

The above charges are based on the seam being 10 feet thick or more or less than 8 feet  
to be paid for going physically up or down  
which.

## ALL TRAMS

Pushing and pulling coal over 200 feet and  
up to 300 feet \$2 cents per barrel yard.

It is understood that the coal in all places is to be turned with the use of as little powder as possible.

Gangways or ladders to be driven by special contract or day work.

**SHOVELLING IN CROSS-CUTS IN ALL SEAMS** If over 25 feet and up to 35 feet yardage 36 cents extra per lineal yard unless small car furnished, if over 35 feet and up to 50 feet yardage 72 cents per lineal yard unless small car furnished.

### **SKIPS ONLY**

Where coal is shovelled over 25 feet, the Company agrees to furnish a small car or pay 72 cents per lineal yard extra.

\$3.62 will be paid for bulkheads, if required to be built by the miner.

### **Local Conditions**

**PENALTY FOR LOADING IMPURITIES** The miners are to deliver their coal as free from rock or other impurities as it is practicable, and in case of a miner failing to do so he shall be warned for the first offence for the second offence or aggravated cases he may be discharged.

### **SUPPLIES, ETC**

The Company will deliver coal to their employees residing at Backhead at the following prices.

Net coal, \$3.81 per ton.

Stove or Egg coal, \$5.08 per ton

Briquettes, \$5.08 per ton.

Electric light per 16 C. F. light. per month, 50 cents.

Gas to be at \$1.00 per month

Company may furnish their own tools, which the company agrees to take back when they leave.

If no work comes as in the Agreement covering May 1st to 1919 or longer or shorter or enough to keep the hours to be paid for

## BRAZEAU COLLIERIES, LIMITED

### Spec. No. 2

MANUFACTORY 8½ cents per gross ton of coal of 2,240 pounds

STAKES at \$2.00 per linear yard

TIMBER No. 1 lumber to be 12 inches between notches or 8 per cent of three pieces at least 12 inches thick each suitable logging \$2.00

Cap Rock to be graded - 1 yard for at the time 1½ inches thick each - bucked per yard as well as per linear yard

## WALTER, SMITH AND NELSON LTD. STAKES AND MAIN AIRWAY

Coal 8½ cents per gross ton

Freight \$2.00 per linear yard

Timber lumber to be 16 feet between notches or 8 per cent of three pieces at least 10 inches thick each suitable logging \$1.45

Cap Rock same as above

## CROSS CUTS AND COMPANION AIR- WAYS

Coa., 85 cents per gross ton

Yardage 72 cents per lineal yard. If the length exceeds 40 feet, an extra 29 cents per yard to be paid for exceeding distance. Minimum dimensions 4 feet by 6 feet.

Timbering When set of timber required, price per set a three pieces to be \$1.45.

Cap Rock Same as above

## ROOMS

Coa., 85 cents per gross ton of 2,240 pounds.

Timbering Collar to be 16 feet long, with two side props and centre prop suitably lagged.

\$1.45 per set of 6 to 8 inches diameter

\$1.82 per set of 8 to 10 inches diameter

\$2.18 per set of 10 to 12 inches diameter

Increasing 30 cents per set for every two inches increase in diameter.

Second centre prop and lagging to be paid at 4½ cents per foot per post.

Cap Rock or Draw Slab To be gobbed between centre props and paid for at 3½ cents per inch in thickness, per foot in width, per lineal yard.

To P-Hars Cap rock to be gobbed and paid for at the rate of 6.0 cents per inch in thickness per foot in width, per lineal yard.

Logs in P-Hars To be set 9 feet centres, with cap piece (This included in tonnage price). Where extra props are required, they will be paid for at the rate of 4½ cents per lineal foot.

**MOVEMENT.** For each time the Maturity is moved and properly set the Company will pay \$4.00. The maximum distance it shall be moved is 10 feet. The surcharge is at \$2.00.

**TRUCKING FEES.** The truck fees are to be reckoned by the ton a pay. Furthermore the owners will be their own truck at the rate of 10 cents per bushel yard or single tracks and 12 cents per bushel yard for double tracks. The owners of the property trucks to be laid free of charge.

#### **TRUCKING FEES.**

For 1% ton or a per gross ton of 2,240 pounds a delivery. Trucks provided with cap price per truck as above.

Logs to be piled and packed with such of such a band to be as follows:

For logs 3 feet square 74 cents per foot in height.

For logs 4 feet square 36 cents per foot in height.

For larger logs 1 1/2 cents per square foot of such a band per foot of height.

**Bridge Banks.** It is required to be set by the owner in a narrow length of 1 x 16 feet 4 inches notches. The thickness to be not less than 6 inches. Price per set of three pieces \$2.90. Per each extra per set per foot of height over 10 feet.

#### **Beam No. 2**

#### **MAIN ENTRY**

Wood, 25 cents per gross ton

Boardage \$2.00 per bushel yard

Timbering Collar to be 12 feet between notches, price per set of three pieces at least 12 inches thick with suitable lagging, \$2.90, when the legs do not exceed 10 feet in height, 29 cents extra per set per foot of height over 10 feet.

In case of abnormal conditions, prices to be arranged.

#### **WATER LEVEL, COUNTRY LEVEL, CLANTS AND MAIN AIRWAYS**

Coal, 85 cents per gross ton.

Yardage \$2.8 per lineal yard.

Timbering Collar to be 10 feet between notches, price per set of three pieces at least 10 inches thick with suitable lagging, to be \$1.45 if height of post is not over 10 feet, 29 cents per set per foot of height over 10 feet.

#### **CROSS-CLTS AND COMPANION AIR WAYS: Same price as in Seam No. 2**

#### **ROOMS**

Coal, 85 cents per gross ton.

Timbering Collar to be from 12 to 16 feet long, with two side posts and a centre post, and to be suitably lagged. Size and prices same as in No. 2 Seam.

An extra 14 cents per foot to be paid for every foot over 10 feet when longer posts to be used.

McGINITY Same as in No. 2 Seam.

TRACKLAYING Same as in No. 2 Seam.

#### **DRAWING PILLARS**

Coal, 76 cents per gross ton.

The shot to be taken on on the soft thickness of the seam

the hole and cap successfully  
the shot to be taken on on the soft thickness

the shot to be taken on on the soft thickness  
No. 2 seam

the shot to be taken on on the soft thickness  
No. 2 seam

the shot to be taken on on the soft thickness  
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charge

the shot to be taken on on the soft thickness  
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No. 2 seam

the shot to be taken on on the soft thickness  
No. 2 seam

the shot to be taken on on the soft thickness  
No. 2 seam

major. We have obtained quite good data and think we will eventually be in position to make a prediction about the rate of migration and the number of individuals that will be present.

Where an organization's board has, pursuant to a bylaw, the authority to establish

## Local Government

## PACKAGE

is the situation with the experiments performed at the University of California, Berkeley, where the author has been working for the last two years. The experiments are conducted in a highly controlled environment, and the results are analyzed statistically. The experiments are designed to test the hypothesis that the average age of the subjects is greater than the average age of the control group. The results of the experiments are presented in a highly detailed and comprehensive manner, and the findings are interpreted in a clear and concise manner. The results of the experiments are presented in a highly detailed and comprehensive manner, and the findings are interpreted in a clear and concise manner.

It is also suggested that the data on each of the 1000 subjects be reduced to values below 3.0, possibly by differentiating the actual average weight of the 1000 subjects and the 1000 subjects being considered separately from the mean of all subjects considered.

It is further emphasized that the system of averaging the average does not yet in particular

may be checked at either the request of the masters or the orphans at any time during the term of this agreement.

Further that I the 20th day of this month and by the authority of the above-named above agree to the following rates of charges to be paid:

For the services of a person to cook or wash laundry and to wash 100 pounds of clothes.

After the first 100 pounds of laundry or wash shall be done, the person to cook or wash and wash 100 pounds shall be done, and for any additional laundry or wash, 50 cents for each shall be charged, and the person to cook and to wash to be charged.

The washer and cook give the necessary washing and keep record of the services and report monthly to the Master Manager.

The money owing for the services of the washer and cook for the month of August shall be applied in providing proper for the care up to the age of 12 years of indigent children.

Coal to supply green wood or wood delivered  
per cord \$1.17

Gasoline and water per month for each house, \$1.00.

Electric light per month for each 16 C. P. light, 50 cents.

Wash house per month \$1.00

Tool sharpening per month 40 cents

House rent per month for 4 roomed cottage, \$20.00.



Company are to furnish their own tools, which the Company will take back at their initial value when they leave.

**NOTE** — In places where water is continuously dripping from the roof in such quantities as to saturate the workmen's clothing, the Company will provide oilskins. F. & P. charges are to be responsible for all oilskins. Should they fail to return same on quitting, the price of oilskins will be deducted from their wages.

ALBERTA BLOCK COAL CO., LTD.,  
ATLAS COAL CO., LTD., ELGIN COAL  
CO., LTD., HY GRADE COAL CO., LTD.,  
NEWCASTLE COAL CO., LTD., NEW  
CASTLE JR. MINING CO., LTD., MID-  
WEST COAL CO., LTD., PREMIER  
COAL CO., LTD., SCRANTON COAL  
CO., LTD., WESTERN GEM MINING  
CO., LTD.

#### Seam No. 1

All coal produced is to be on the basis of Two Thousand (2,000) pounds to the ton, whether run-of-mines or screened.

The following prices of screened coal are based on screens one and one-quarter (1 1/4) inches wide.

#### Pick Mining

Rooms, screened coal, per ton \$1.57

Rooms, run-of-mine, per ton \$1.15.

Pillars and stumps, screened coal, per ton \$1.45.

For the next 10 years, the U.S. will add 100 million people to its population, and the U.S. will add 100 million people to its population.

per ton \$1.45

卷之三

27. *Pyrope* *angusta* *var.* *angusta*  
28. *Pyrope* *angusta*  
29. *Pyrope* *angusta*

1. *Explanatory* *Variables* *and* *Dependent* *Variables* *in* *the* *Model*

1. *What is the best way to learn?* *What is the best way to teach?* *What is the best way to evaluate?* *What is the best way to support?* *What is the best way to reward?* *What is the best way to punish?* *What is the best way to discipline?* *What is the best way to reward?* *What is the best way to support?* *What is the best way to evaluate?* *What is the best way to teach?* *What is the best way to learn?*

4 company to put in a 1 packed cage. If done by owner, to be paid \$1.00 per dog, if rate of \$1.00 was paid previously \$1.17 will now be paid.

Blacksmithing to be \$0.40 cents per month.

In every instance where higher rates than those provided in the wage scale are at present paid or subsequently same shall continue in full force and effect during the life of this Agreement and the term of the present employment.

In cases where because of peculiar conditions or mutual agreement between the management of any one and the men employed therein a higher rate than is provided in the day wage scale has been agreed upon and paid to two thirds of the employees coming within any particular class of the said higher rate will be effect in the year 31 1919 and paid as follows and to no more than one payday the said rate that is believed to be the base rate in the particular case or cases having such agreements and shall be used in computing the pay of the same class of employees in the same manner or manner only during the life of the Agreement.

Package - Present docking system to go until

Wash House - In every instance where the wash house contains tubs or bath chairs that are not suitable for use and heated so that same is there can be dried properly over night and sprayed for washing and keeping in a clean and sanitary condition the men will pay \$1.00

per month for car or boat before this price is paid the Company or owner shall pass on the same as satisfactory.

However a car shall be appraised as follows at the rate of the price of \$1.50 per ton for unrented or not in use and at least one half or less than \$1.00 less per ton than the wholesale price.

Where a car is driven at high price or below that price it is shall be regarded as a room car and a room car or less or more it shall be paid for at room price. If driven at room width and track or less or more then room width price. The half the difference to be between room and car price shall be paid and on room's having either car age the half surcharge shall be paid.

The rate for the car shall be 26 cents.

The Company is responsible to make all shifts on all pay statements.

Tools to be used in repairing a car or boat or repairing a boat shall be charged by Company at 10% of the cost of original cost. All tools used in repairing a boat shall be paid for by Company.

## MACHINERY, ELECTRICAL & PLUMBING, MACHINERY

Loaders in service 92 cents per ton

Loaders in storage \$1.14 per ton

Electricity. When required after machine to be paid for at the rate of six cents per kw or be done by Company men.

## MACHINERY RENT

In cases where it is necessary to employ machine dirt be loaded behind the machine the men shall be paid at the rate of 42 cents per car.

In cases the machine men shall draw no charge dirt skin the gob.

Residue coal will be removed by Company men.

Breaking bottoms in main entries when no spaced 6 feet or brought above the line 12 cents per bushel yard 6 feet wide in a way of digging in a suitable way. In cases where the coal from breaking has to be loaded and taken to other parts of the mine and at such time as we shall be done at a mining men.

Top for digging is no less & not wide 18 cents per bushel per bushel yard. Shovel to be paid in proportion. If material cases to be drilled with anything less than hammer and steel maces shall be classed as a rock cutter and be paid "rock cutter wages."

If the coal is good enough to lay a 1000 inches in thickness 36 cents per ton shall be paid for each yard under 1000 inches down to four of forty two inches under forty two inches to be paid 18 cent. Wage. This does not apply in cases where breaking is done.

All ground breaking above the line a bar shovelling coal will be 2 feet from the rail then each shall be paid 18 cent. Each to load 72 cents per bushel yard to be paid for over shovelling up to 21 feet which shall be the limit.

Timbers raised sets per set 23 cents.

7. The parties to this agreement agree that the price of the property is \$100,000.00. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

8. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

9. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

10. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

11. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

12. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

13. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

14. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

15. The parties further agree that the property is to be sold as is, subject to all liens, encumbrances, and other rights of third parties.

# MIDLAND COLLIERIES, LIMITED

## No. 3 Seam

All coal paid for, one ton to be considered 2,000 pounds, over screen one and one-half inches.

### PICK MINING

Rooms, screened coal, per ton \$1.33.

Rooms, run-of-mine coal, per ton \$1.15.

Yardage, per yard \$2.18.

Pillars and stumps, screened coal per ton \$1.33.

Pillars and stumps, run-of-mine, per ton \$1.15.

Narrow work entries and cross-outs 10 feet wide, screened coal \$1.33.

Narrow work, entries and cross-outs, 10 feet wide, run-of-mine \$1.15.

Yardage, \$2.90.

When timer has been ordered to take strip off side of pillar stated to be paid at room rates. When rooms are paid yardage, half yardage shall be paid.

### TIMBERS

Sets notched and lagged in entries, per set \$1.45.

Round timbers lagged in entries, per set \$1.09.

Rooms notched and lagged, per set \$1.45.

Rooms, round timbers, per set \$1.09.

Bridge sticks, not notched, per set \$2.18.

In all places overlooking water the forest of  
the spruce grows with the white birch. The  
birch, which is a common tree in the hills,  
is a tall, slender tree, and the spruce is a tall,  
thick, spreading tree, and the two are in upper  
and lower layers, and are to be seen in almost the same  
forest.

Black, Brown, and Tan: The color of the skin is not enough to determine race. Race is a social construct that is used to categorize people. Race is based on physical traits such as skin color, hair texture, and eye color. Race is not a scientific concept and is not based on biological factors. Race is a social construct that is used to categorize people. Race is based on physical traits such as skin color, hair texture, and eye color. Race is not a scientific concept and is not based on biological factors.

Category	Definition	Example	Notes
1. <b>Geographic</b>	Refers to the location of the data source.	US Census Bureau	Geographic data is often used for population analysis.
2. <b>Demographic</b>	Refers to the characteristics of the population.	Age, gender, ethnicity	Demographic data is often used for market analysis.
3. <b>Behavioral</b>	Refers to the actions and behaviors of individuals.	Purchase history, website visit patterns	Behavioral data is often used for customer segmentation.
4. <b>Technological</b>	Refers to the use of technology and digital data.	Smartphone usage, social media activity	Technological data is often used for trend analysis.
5. <b>Environmental</b>	Refers to the natural environment and its impact on society.	Climate data, air quality	Environmental data is often used for sustainability analysis.
6. <b>Political</b>	Refers to political systems, policies, and elections.	Political party, election results	Political data is often used for political campaign analysis.
7. <b>Economic</b>	Refers to economic indicators and trends.	GDP, inflation rate	Economic data is often used for economic forecasting.
8. <b>Social</b>	Refers to social structures, norms, and interactions.	Family structure, social media usage	Social data is often used for social media analysis.
9. <b>Cultural</b>	Refers to cultural values, beliefs, and practices.	Language, religion	Cultural data is often used for cultural analysis.
10. <b>Healthcare</b>	Refers to healthcare systems, medical records, and public health.	Healthcare facilities, medical records	Healthcare data is often used for healthcare analysis.

— longer. It seems to often happen that we try to prove

and sanitary condition, the men will pay \$1.00 per month for salt & 1 bu. before this price is paid the Union Committee shall pass on the same as satisfactory.

House coal shall be supplied all or payees at the rate at the mine of \$2.50 per ton for screened stove coal as made at each mine, and for lump \$1.00 less per ton than the whole sale price.

Where miner is ordered to cut across pillar with one fast end ten feet wide for drawing pillar entry tonnage price shall prevail and in mines having entry yardage, half entry yardage shall be paid. When miner drives through pillar with two fast ends, same shall be regarded as a cross cut.

Bone 14½ cents per inch per linear yard in all narrow places up to 10 feet wide.

Rooms. 14½ cents per inch per linear yard for 16 feet wide, wider than 16 feet to be paid in proportion.

Lifting of clay and laying of track in entries and rooms, if done by the miner to be paid 26 cents per linear yard.

Marion J Mine accepts the foregoing rates over an inch and one half screen. If men request sixth and quarter screen the Company reserves the right to have a reconsideration of rates.

Other supplies shall be furnished at old rates.

The Company is requested to mark all shafts on all Pay Statements.

Tools to be sold to miners by Company, and if returned to Company same shall be ac-

cepted by Company at 10% reduction off original cost. All tools lost, broken or damaged to be paid for by miners.

### No. 3 Seam

All coal paid for on the basis of two thousand, 2,000) pounds to the ton, over screen one and one-half (1 1/2) inches wide

### Machine Mining

#### ROOMS

Loader, \$1 1/4 cents.

Machine Miner, 18 cents

Machine Scraper, 14 1/2 cents

#### ENTRIES

Loader, \$1 17

Machine Miner, 22 cents

Machine Scraper, 16 cents

Show, the passing at a point about 18 inches above the foot of the sea, disappear or double shooting not be required, the rate for loading in rooms shall be 80 cents, and the rate for loading in entries shall be \$1 12

TIMBERS When replaced after machine to be paid 6 cents per foot or to be done by Company men.

#### MACHINE DIRT

In entries where it is necessary to remove machine dirt behind the machine, the men shall be paid at the rate of 42 cents per car

In rooms the machine men shall throw machine dirt into the gob.

When timber has been ordered to take ship off end of pillar same to be paid at room rates. When rooms are paid yardage, half yardage shall be paid.

## TIMBERS

Sets notched and lagged in courses, per set \$1.45

Round timbers lagged in courses, per set \$1.89

Rooms, notched and lagged, per set \$1.45

Rooms, round timbers, per set \$1.09

Bridge sticks, 6 x 1 notched, per set \$2.10

In all places breaking away the limit of shotelling coal shall be 12 feet from the end, then thick shall be laid & no thick to laid 72 cents per cubic yard to be paid for over above filling up to 21 feet which shall be the limit.

In every instance where higher rates than those provided in the wage scale are at present paid to individuals same shall continue in full force and effect during the life of this Agreement and the term of the present employment.

In cases where, because of peculiar conditions or mutual agreement between the management of any mine and the men employed thereon a higher rate than is provided in the day wage scale has been agreed upon and paid to two-thirds of the employees coming within any particular class, & the said higher rate was in effect on October 31, 1919 and paid on afterward for more than one payday, the said rate shall be deemed to be the basic rate in the particular mine or mines having

such agreements and shall be used in computing the pay for the same class of employees in the same mine or mines only during the life of the agreement.

Where a mine is situated in or across a river with and has an iron ore vein and carrying pyrite, iron, or any other mineral shall receive and be paid a mileage charge but entry surcharge shall be paid. When miners drive the shaft or roadway, the rods used shall be regarded as iron rods.

Bitons 14, cents per cubic per tonne yard or all rates in proportion per 10 feet wide.

Bitons 14, cents per cubic per tonne yard for 16 feet or less than 16 feet to be paid in proportion.

Driving of iron and iron pyrite in entries and rooms 14 cents to the tonne to be paid 16 cents per tonne yard.

Medium iron except the following rates given are rough and are to be used if iron is good rock and screen screen, the Company reserves the right to have a reconsideration of rates.

## THE DRUMHELLIE LAND CO., LTD.

### No. 3 Mine

All coal yard for one ton to be considered 2000 pounds over screen coal and one quarter (1/4) inches.

### PICK MINING

Bitons, screened coal, per ton \$1.40

Rooms, run-of-mine, per ton \$1.15.  
Pillars and stamps, screened coal, per ton \$1.34.  
Pillars and stamps, run-of-mine, per ton \$1.06.  
Entries, screened coal, per ton \$1.45.  
Entries, run-of-mine, per ton \$1.15.  
Narrow work entries 10 foot wide, per yard \$2.50.  
Room necks, per yard \$2.18.  
Cross-tails, per yard \$2.12.

## BRUSHING

Entries and room necks, 10 foot wide 14½ cents per inch in thickness per lineal yard.

Rooms, 7 cents per inch in thickness per lineal yard, width of track, including laying of track.

## TIMBERS

Entry timbers, notched and lagged, per set \$1.45.

Sets in entries, notched and lagged, to be paid for as three (3) entry timbers, each \$1.45.

Room necks, round timbers, each \$1.09.

Rooms, round timbers, each 58 cents.

BONK: Entries and rooms over 4 inches, per lineal yard 63 cents.

## TRACKAGE

Entries, per lineal yard 22 cents.

In all places breaking away the limit of shoring shall be 12 feet from rail, then

It is also the result of the trip to the land. The question of the meaning of the term "land" is very difficult to answer, and it is not always clear what is meant by it.

These parameters will be used to calculate the probability of a false alarm.

Blackburn House performed well in the  
competition, especially in the supplies of water and  
oil rates.

It is often necessary to have a longer time to have  
the new information absorbed and to start getting  
the new information into the new system. This is  
done by using a "teach-in" period. This is a period  
of time when the new information is presented to the  
new system. This is done to help the new system  
adapt to the new information. This is done to help  
the new system adapt to the new information.

the agreement.

What a contrast to the present, when a single pallid white feather is a rare find, when the only living plants are the tiny, struggling, broken, yellowish patches of grass, and when the only birds are the sparrows, perhaps a few small Wilson warblers, driven

through pillar with two tail ends same shall be regarded as a cross-cut.

Tooks to be sold to miners by Company, and if returned to Company same shall be accepted by Company at 10% reduction off original cost. All tools lost, broken or damaged to be paid for by miners.

Household coal shall be supplied to all employees at the rate of \$2.24 per ton for store coal, and lump coal at \$1.00 less than sold at wholesale prices at the mine.

**Wash House** In every instance where wash house comes as lockers that can be locked securely and heated so that wet clothes can be dried properly over night and sprays for washing and keeping in a clean and sanitary condition, the user will be charged \$1.00 per month, but before this price is paid the Union Committee shall pass on same as satisfactory.

## **ROSEDALE COAL MINING CO., LTD.**

All coal produced to be weighed over seven-eighths (7/8) screen. One ton to be 2,000 lbs.

**PICK MINING** \$1.24 per ton.

**YARDAGE** Entries and room necks, \$2.94 per lineal yard. Cross cuts, entry and room, \$1.60 per lineal yard.

## **TIMBERING**

Entry square sets, notched and lagged, \$1.45 per set.

Bridge stocks, \$2.40 per set.

Rooms, 2-piece set, needed in one job 34 cents per set.

TRACK AND HOUSING 72 cents per 10 feet length.

BUNK IRON SHABBY To be paid for at the rate of 4 cents per inch per linear yard

DRYER SHEET 10 CENTS 10% BROWN (T.S.)

Unless otherwise arranged it will be 12 feet package at the rate of 10 cents per linear yard to be paid up to 10 feet or over 20 feet to be done by company work or by contract

All cars to be delivered at the working place

The above prices are based upon the existing conditions of work.

### Local Conditions

BLACKSMITHING 30 cents per month

Other supplies at present rates

TRUCKS To be paid by Company and all expenses and a fair wage will be arranged by the Company at 10% reduction off wages above. All trucks or trailers to be paid for by owners

WATER 100 GALLONS \$1.00 per month

House rents and water light etc to be mutually arranged

PAINTING All work Movers shall load all coal ash etc in a good place. The charge for one ton of coal or one barrel of coke or coal to be 15 cents. If in first fifteen or a month. Hence in this time period the mover shall be liable to diminished

THE ROSE DEER COAL MINING CO.,  
LTD., and THE  
WESTERN COMMERCIAL CO., LTD.

Seam No. 3

All coal produced to be paid for on the basis of two thousand (2,000) pounds to the ton.

Coal in machine worked places, narrow work, \$1.05 per ton mine run and \$1.45 per linear yard. Machine coal in rooms, 98 cents per ton mine run.

Machine runners, \$1.10 per linear yard 10 feet wide.

Machine helpers, 95 cents per linear yard 10 feet wide.

Places under than 10 feet to be paid in proportion.

Pick mined coal in rooms and galleries, \$1.21 per ton mine run.

When necessary to remove large bigger-heads, miners to be paid Company work for same.

Pick mined coal in cross-cuts, \$.21 per ton and \$1.45 per linear yard.

Track to be laid by the Company to within 8 ft. of the face in all cross-cuts, rooms and entries. Timbers to be paid for at 73c per set.

Delivery of timber and other supplies necessary for the owner to be in accordance with the Coal Mines Regulation Act of Alberta. The Company will at all times deliver an adequate supply of suitable timber, etc., to or at

the working face, whether rooms mines or cross-outs.

Miners when given a place shall return same until the place is hoisted and shall have first claim to the drawing of the pallets.

The Company shall supply each miner with an equal amount of coal to be distributed at the working face.

Day wages shall be as follows:

Machine men, Company work	\$7.32 per day
Drivers & Company work	\$6.35 " "
Strawblowers, Helpers, Company work	\$6.35 " "
Timbermen & Helpers, Company work	\$6.35 " "
All other trade labor	\$6.35 " "

Abnormal places, where a miner through conditions of abnormality, i.e. faints, thickness of coal, big heads, rocks, or any condition that prevents him earning the amount of \$6.35 per day, the Company shall make up to \$6.35 averaged not longer than one week during abnormal conditions.

**THIRDS.** All tons to be sold to the miners by the Company and allowed for when returned in usable condition less a reduction of 10%.

House coal to be sold to employees as follows:

Screened coal at \$2.54 per ton other screened coal at \$1.00 less than carload rates, at the mine.

**OUTSIDE LABOR** Rope Rider \$6.35

**DOCKAGE.** Miners shall load all coal as clean as possible. Dockage for impurities of

excessive slack coal to be 25 cents for first offence after third offence within two weeks the miner shall be liable to dismissal

**WASHING** **11-14** In every instance where the wash box contains clothes or lock chains that can be locked securely and heated so that wet clothes can be dried properly over night and sprays for washing and keeping in a clean and sanitary condition the men will pay \$1.00 per month for same but before that price is paid the Town Committee shall pass on the same as satisfactory

Where miners are ordered to cut across pillar with one fast end, ten feet wide for drawing pillar entry tonnage price shall prevail and an miners having entry yardage, half entry yardage shall be paid. When miners driven through pillar is at two fast ends, same shall be regarded as a cross cut

Other supplies shall be furnished at old rates.

The Company is requested to mark all shifts on all Pay Statements

**BLAST** Where the bone is an excess of four inches in thickness the same shall be paid for in entries and rooms at the rate of 14½ cents per inch per linear yard

### **JEWEL COLLIERIES, LTD.**

All coal produced to be paid for on the basis of two thousand (2,000) pounds to the ton, ton of mine

#### **Pick Mining Rates**

Men and Counter Entries 9 feet and under, \$1.25 per ton

Yardage \$3.90 per ha. yd  
Entry Cross cuts, Room Recks and Roofin  
Cross c to \$1.21 per ton  
Yardage \$1.45 per ha. yd.  
Rooms and Pillars \$0.21 per ton.

## BONK

To be paid for on the basis as now being  
paid in the mines of the Western Commercial  
Co., Ltd.

Provided however that the conditions re-  
garding amputations which existed in the Ham-  
ilton Mine at the time the contract for yard-  
age of \$1.45 was made shall apply in Main  
and a man at hours in the Lower Mine that  
is to say that the total the losses of the in-  
juries which were then in existence shall be  
deducted from any allowance made for bonk

When necessary to remove large nigger  
heads, miners to be paid Company wages for  
same.

Track to be laid by Company to within 8  
feet of the face in all cross cuts, rooms and ex-  
tories. Timbers to be paid for at 75 cents per  
set.

Miners when given a place shall retain  
same until the place is finished and shall have  
first claim to the drawing of the pillars.

**TITLES** All tools to be sold to the miners  
by the Company and allowed for when re-  
turned in usable condition, less a reduction of  
10%.

House coal to be sold to employees as fol-  
lows

Stone coal at \$2.50 per ton, other scattered coal at \$1.00 less than carload rates at the mine.

## DRUCKER'S

Miners shall load all coal as clean as possible. Dockage for coal miners to excessive slack coal to be a one hour delay for first of course to be 100 ft. If within two weeks the miners shall be liable to fine coal.

## WASH HOUSE.

In every mine or where wash house contains to house a rock house that can be hauled to within 200 feet of the wash house can be charged to the wash house a special for wash house to price of coal and necessary expenses to the amount of \$1.00 per month. If the miners do not do this the coal and the wages of miners shall pass on the same as follows:

While miners shall be allowed to pull with one hand or when best made but drawing pull at rates stronger price shall prevail and when each hand of the endage but only paid extra at rates. When over three thousand pullings within the last 24 hours shall be regarded as a day's work.

Other supplies shall be furnished at old rates.

The company is requested to mark all shafts on all property with.

Coal to be in a bone dry place narrow enough \$1.00 per ton, one ton, and \$1.40 per ton. Coal to be bone dry in room 90 cents per ton, same rate.

Machine runners, \$1.00 per linear yard, 10 ft wide

Machine helpers, 95 cents per linear yard 10 ft. wide.

Places wider than 10 ft. to be paid in proportion

Pick moved coal in rooms and pillars, \$1.21 per ton, square run

## EXCELSIOR COLLIERIES, LTD.

All coal produced to be paid on the basis of two thousand (2,000) pounds to the ton run of-mine.

### Pick Mining Rates

Main and Counter Entries, 9 feet and under, \$1.21 per ton.

Yardage, \$1.90 per ton yard.

Entry Cross-cuts and Room Weeks, \$1.21 per ton.

Yardage, \$1.90 per ton yard.

Room Cross-cuts, \$1.21 per ton.

Yardage, \$1.45 per ton yard.

Rooms and Pillars, \$1.21 per ton.

When necessary to remove large bigger hauls, miners to be paid Company work for same.

Delivery of timber and other supplies necessary for the miner to be in accordance with the Coal Mines Regulation Act of Alberta. The Company will at all times deliver an adequate supply of suitable timber, etc., to or at the working face, whether room entries or cross-cuts.

Miners, when given a place, shall retain same until the place is finished, and shall have first claim to the drawing of the pillars.

The Company shall supply each miner with an equal turn of cars, to be delivered at the working face.

Abnormal places, where a miner through conditions of abnormality, *i.e.*, faults, thinness of coal, trigger-heads, rolls, or any conditions that prevent him earning the amount of \$6.35 per day the Company shall make up to \$6.35, averaged not longer than one week during abnormal conditions.

**TOOLS** All tools to be sold to the miners by the Company and allowed for when returned in usable condition, less a reduction of 10%.

Timber to be paid for at 7½c. per set

#### **BONE**

Where the bone is in excess of 4 inches in thickness, that the same shall be paid for in entries and rooms at the rate of 14½c per inch per 1 meal yard.

Loading rock in cars as per present practice, 36c. per car

Loading water in cars as per present practice, 36c. per car

House coal to be sold to employees as follows. Store coal at \$2.34 per ton, other screened coal at \$1.00 less than carload rates at the mine.

#### **DOCKAGES**

Miners shall load all coal as clean as possible. Dockages for impurities or excessive

stock coal to be 25 cents for first offence after third offence within two weeks the miner shall be liable to dismissal.

## WASH HOUSE

In every instance where the wash house contains lockers or lock chains that can be locked securely and heated so that wet clothes can be dried properly over night and sprays for washing and keeping in a sanitary condition, the men will pay \$1.00 per month for same out of one this price a part the Union Committee shall pass on the same as satisfactory.

Where miner is ordered to cut across pillar with one fast end ten feet wide for drawing pallet, entry tonnage price shall prevail, and in mines having entry, yardage, half entry yardage shall be paid. When miner drives through pillar with two fast ends, same shall be regarded as a cross cut.

Other support shall be furnished at old rates.

The Company is requested to mark all shifts on all pay statements.

## HAMILTON COAL CO., LTD.

All coal produced to be paid for on the basis of two thousand (2,000) pounds to the ton, run of mine.

### Pick Mining Rates

Main and Counter Entries, 9 feet and under, \$1.21 per ton.

Yardage, \$3.00 per lin. yard.

Entry Cross-cuts and Room Necks, \$1.21 per ton.

Yardage, \$1.50 per lineal yard.

Rooms Cross-cuts, \$1.21 per ton.

Yardage, \$1.45 per lineal yard.

Rooms and Pillars, \$1.21 per ton.

Timber to be paid for at 73 cents per set BONs.

When the bone is in excess of four inches in thickness, that the same shall be paid for in entries and rooms at the rate of 14½c. per inch per lineal yard.

## CADOMIN COAL CO., LTD.

Cadomin—Old Mine.

Contract Prices based on present conditions.

### MAIN ENTRY

To be driven either length collar as at present.

To be 8 ft. between notches.

3 piece sets.

11 ft. spread in the clear between legs

7  $\frac{1}{2}$  ft. clear from top of rail to collar

Sets 4 ft. centre, lagged top and sides.

Loading refuse separate from coal.

Laying permanent track.

Timber twenty inches in diameter at base, over that, use 16 cents extra per inch for each inch in diameter.

All exclusive at \$24.64 per lineal yard

## CRIBBED RAISES

To be driven 7 ft. by 9 ft., including all timbering, lagging and loading coal \$11.40 per lineal yard.

## COUNTER

To be driven 7 ft. between notches

6 ft. clear from top of rail to collar

9 ft. spread, outside measurements. 4 ft. centre lagged including all timbering, tracklaying, brattice, loading and dumping coal at \$33.00 per lineal yard.

Timbering in excess of nine inches to be paid for in proportion.

## ANGLISH 4 feet by 4 feet

To be driven 4 feet by 4 feet at \$1.10 per lineal yard.

Timber where needed. 3 piece set, lagged, \$1.45 per set. 2 piece set, lagged, \$1.09 per set.

Brattice to be erected in an efficient manner and kept in repair for 45 cents per lineal yard, not to exceed 6 ft. in height.

Timber to be same size as used at present, from 5 inches to 10 inches diameter at butt.

## ANGLISH 7 feet by 9 feet

To be driven for \$10.16 per lineal yard, including all timbering at 4 ft. centre, 3 piece set lagged and erecting brattice.

A leeway of 6 inches to be allowed either below or above the stated size which shall be paid for or deducted as the case may be in proportion.

Timber to be 5 inches to 10 inches if other size asked for, to be considered "New Work."

## PILLARS

70 cents per gross ton of 2,240 lbs., including all timbering and working after bulkhead.

The words "including all timbering" shall be eliminated.

## CORNERS

If not sufficient lagging done, work to be done by Company, \$1 done by the miner, \$2.50.

Lagging. In excess of three pieces be paid for according to rate.

## CUBIC MEASUREMENT

27 cubic feet to be taken as equal to one gross ton.

All other conditions to remain as at present.

House coal to be advanced 27% over and above that charged October 31, 1919.

## THE MOUNTAIN PARK COAL CO., LTD.

### Contract Rates.

All coal produced to be paid for on the basis of 2,240 pounds to the ton.

#### No. 3 Seam

Tonnage, 85c per gross ton.

Removing pillars, 77c per gross ton.

### YARDAGE

Minentry, \$2.18 per linear yard.

Counter entries, \$2.18 per linear yard.

Raises 10 ft. x 7 ft., \$1.45 per linear yard.

Roam X cuts, 6 feet by 8 feet, \$1.45 per linear yard up to 25 feet.

Over that distance, 73c extra per lineal yard.

## TIMBERING

Main entry, \$2.90 per set, with lagging.

Counter entries, \$1.45 per set, with lagging.

All other timbering, \$1.45 per set, with lagging.

All props other than chute props, \$1.45 for three props.

Main entry timbers not to be less than ten inches in diameter at the butt end.

Bridge sashes paid for by Company work.

Brattices up to ten feet wide, \$4.36 each.

## No. 1 Steam

TONNAGE, \$1.00 per gross ton.

Removing pillars, 92c per gross ton.

## YARDAGE

Room X-cuts, \$1.45 per lineal yard up to 25 ft.

Over that distance, 73c extra per lineal yard.

## TIMBERING

Set of three pieces, \$.45 per set.

## ENTRY

By Special Contract as heretofore.

## CHUTES

Chute building to be paid at the rate of 44 cents per lineal yard. Chute to be one foot deep by three feet wide, including two props every eight feet and sheet iron on the bottom.

## DOCKAGE:

Twenty-eight pounds to be added to the tare of every car to offset refuse in the coal.

Any man loading fifty pounds of rock or bone in a car to lose one hundred pounds of coal; one hundred pounds of rock or bone to lose four hundred pounds of coal; one hundred and fifty pounds of rock or bone to lose the whole car.

The Mine Manager shall give warning of offences and cause a record of same to be kept.

## House Rents, Etc.

House rent, light and water to be paid for as heretofore.

House coal to be advanced 27% over and above that charged October 31, 1919.

## Pushing Cars by Miners

The cars to be pushed a distance of not exceeding 75 feet. If the distance of 75 feet is exceeded, the yardage price to be increased by 29 cents per yard for the exceeding distance.

Where General Clauses 6, 14 and 28 of the Agreement of The Mountain Park Coal Co., Ltd., of 1917-1919 differ from the General Clauses of this Agreement, they shall govern; all other clauses to remain as in this Agreement.

Where the day wage rates in the Agreement of The Mountain Park Coal Co., Ltd., of 1917-1919 differed from the day wage rates of the Tentative Agreement of 1917-1919, there shall be added to the rates of the Mountain Park Agreement 27% (including the 92c. H.C.L.).

IN WITNESS WHEREOF, the parties  
hereunto have hereunto set their hands at Cal-  
gary, Alberta, this twentieth day of July, A.D.  
1929.

Signed on behalf of The Western Canada Coal  
Operators' Association:

O. E. S. WHITESIDE, President.  
W. F. McNEILL, Vice-President.  
W. F. McNEILL, Secretary.  
LEWIS STOCKETT.  
MONT R. MORROW.  
BERNARD CAUFIELD.  
GEORGE KELLOCK.  
GEO. V. TUPPER.  
FRANCIS ASPINALL.  
JOHN MACK,  
Scale Committee.

Witnesses as to all Signatures:

E. E. HARRISON,  
E. T. FITZSIMMONS.

Signed on behalf of the United Mine Workers  
of America, District No. 18:

FRANK WHEATLEY, Chairman.  
WILLIAM HUTCHINSON  
R. BILLSBOROUGH  
ROBT. PEACOCK  
W. H. HOPKINS  
RODY McLEOD, Secretary,  
Scale Committee.

Signed on behalf of the United Mine Work-  
ers of America, International Organization:

International Board Member:  
ROBERT LIVETT.



